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REPORT

Statistical

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REPORT NO. 20-87
February 6, 1987

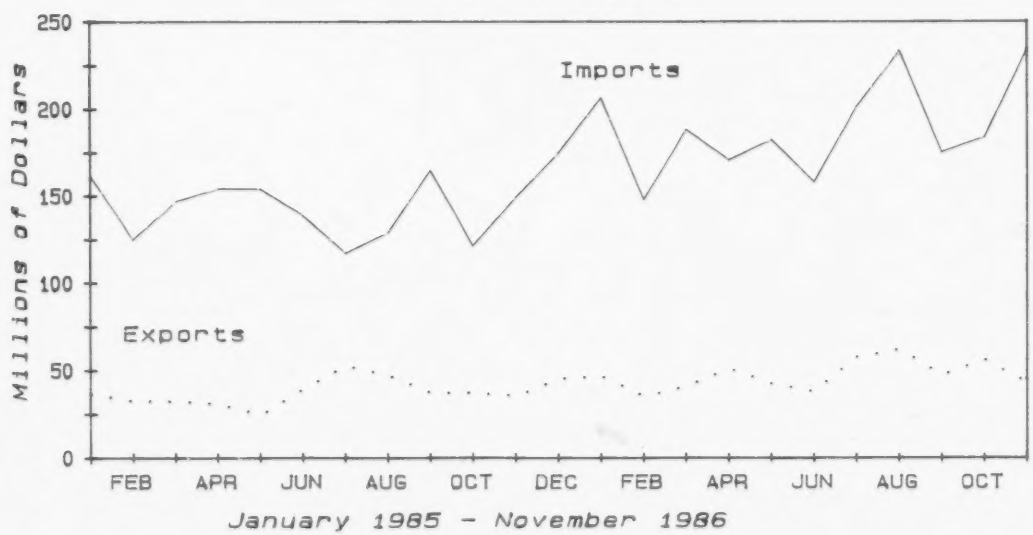
U.S. FOREIGN TRADE IN MACHINE TOOLS
November 1986

U.S. foreign trade in machine tools during November 1986 produced a trade deficit of $191.3 million for the month, bringing the total deficit for eleven months to $1,561.3 million. Compared to October 1986, U.S. exports declined 24% as imports increased 27%. Year-to-date machine tool exports of $521.2 million were 28% above the first eleven months of 1985. U.S. imports gained 33% from the same period last year and stood at $2,082.5 million.

U.S. Machine Tool Trade
($Millions)

	November 1986			Eleven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 27.8	$173.0	($145.2)	$323.2	$1,535.7	($1,212.5)
Metal Forming	$ 15.0	$ 61.1	($ 46.1)	$198.0	$ 546.8	($ 348.8)
Total	$ 42.8	$234.1	($191.3)	$521.2	$2,082.5	($1,561.3)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



January 1985 - November 1986

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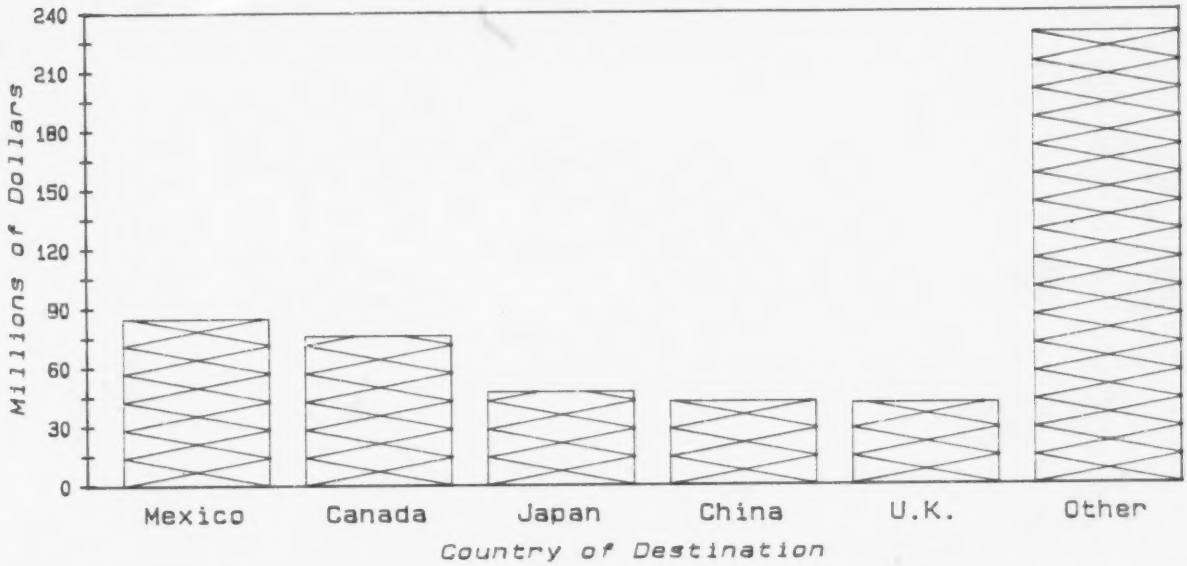
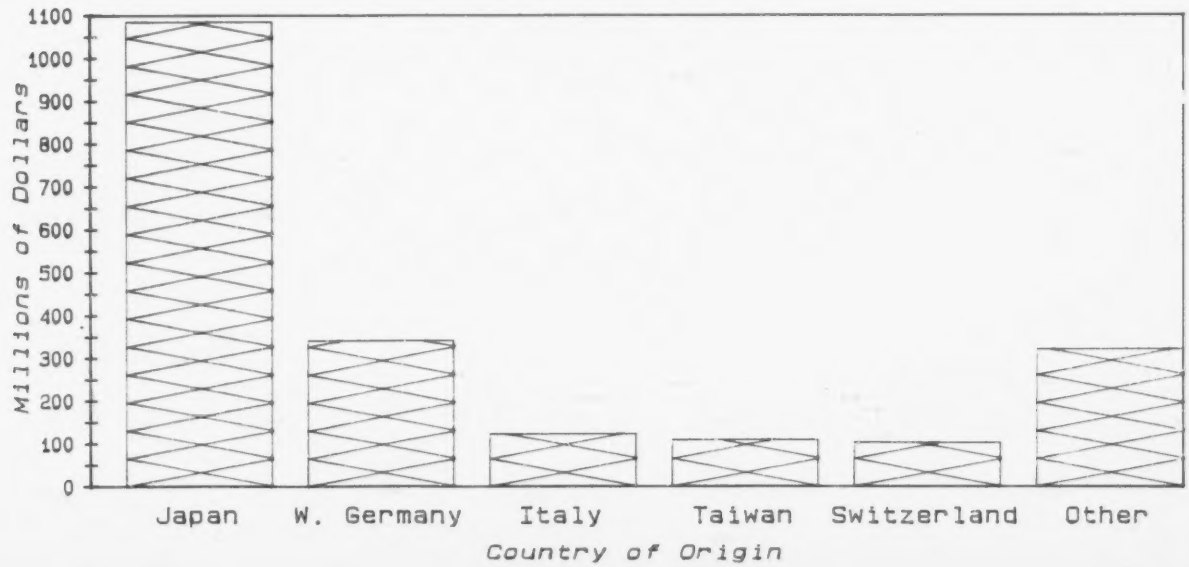
Compared to October, U.S. Exports of metal cutting machine tools in November decreased 15%. This left the eleven month total for 1986 26% above last year's level. While exports of metal forming machines dropped 37% from October, the year-to-date total was 31% above the first eleven months of 1985. For January through November 1986, the leading export markets were (in millions): Mexico ($84.9), Canada ($76.1), Japan ($47.5), China ($42.3) and the United Kingdom ($41.3).

U.S. EXPORTS
1986, Year to Date



U.S. Imports of metal cutting machine tools in November were 51% above October's level. Metal forming imports, however, decreased 12%. Compared to the first eleven months of 1985, imports of metal cutting machinery increased 23% with metal forming imports rising 73%. The leading exporters to the U.S. during the first eleven months of 1986 were (in millions): Japan ($1,084.4), West Germany ($341.2), Italy ($123.9), Taiwan ($108.9) and Switzerland ($102.6).

U.S. IMPORTS
1986, Year to Date



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

RELEASED: FEBRUARY 6, 1987

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	71	8948	0	0
3035	Gear Shapers	4	668	0	0
3045	Gear Cutting Machines, N.E.C.	20	3066	0	0
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	2050	158276	182	15221
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	308	29737	23	3095
3409	Horizontal Machining Centers, ATC, NC	673	84479	94	12226
3411	Machining Centers, NC, N.E.C.	716	61559	73	6313
3412	Single Station and Multi-Station Transfer Machines	91	32446	4	2166
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	1217	1	246
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	42	9031	3	1551
3419	Vertical Boring-Drilling-Milling Machines, NC	210	17180	25	2461
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	23	1683	1	15
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	81	2685	22	215
3328	Drilling Machines, NC	133	10275	14	992
3329	Drilling Machines, Multi-Spindle, Non-NC	47	4090	4	143
3334	Drilling Machines, Radial, Non-NC	227	1881	16	178
3336	Drilling Machines, Upright, Single Spindle, Non-NC	92	573	20	91
3342	Drilling Machines, Non-NC, N.E.C.	678	19315	26	1332
3464	Milling Machines, NC	762	53878	54	3181
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	22	1214	0	0
3467	Milling Machines, Knee Type, Non-NC	3328	18850	268	1660
3468	Milling Machines, Bed Type, Non-NC	312	5537	45	596
3469	Milling Machines, Non-NC, N.E.C.	1704	26788	182	3803
3476	Vertical Boring Machines, Incl. VTL's, NC	76	10477	3	303
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	168	4188	11	162
3481	Boring Machines, NC, N.E.C.	25	10513	2	307
3483	Boring Machines, Non-NC N.E.C.	498	55852	23	1711
3504	Horizontal Lathes, Multi-Spindle, NC	42	4214	6	332
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3493	141981	540	20908
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	834	58526	71	5890
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	272	20611	18	2992
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3713	30623	352	3120
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	109	3393	13	343
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	124	11570	2	151
3515	Automatic Bar Machines, Single Spindle, Non-NC	46	1195	6	327
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	19	3046	2	284
3518	Horizontal Lathes, Non-NC, N.E.C.	219	9458	7	428
3505	Vertical Lathes, Multi-Spindle, NC	162	11523	49	1572
3519	Vertical Lathes, NSPF, NC	431	27288	27	2037
3522	Vertical Lathes, Excl. VTL's, Non-NC	1491	31073	128	1948
3527	Gear Tooth Grinding & Finishing Machines	447	18998	39	5435
3528	Tool & Cutter Grinding Machines, NC	92	4019	8	234
3529	Tool & Cutter Grinding Machines, Non-NC	1176	19110	76	1145
3533	Honing & Lapping Machines	208	12928	12	1018
3539	Grinding Machines, Flat Surface, NC	47	7059	4	366
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	397	5763	21	214
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1500	27816	227	3392
3546	Grinding & Polishing Machines, NC, N.E.C.	109	12355	10	1989
3554	External Grinding Machines, Non-NC	785	18074	29	1276
3556	Internal Grinding Machines, Non-NC	100	4484	15	290
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	188	8819	21	1135
3559	Grinding Machines, Non-NC, N.E.C.	1618	54243	130	4532
3562	Traveling Wire Electrical Discharge Machines	820	54842	76	5081
3564	All Other Electrical Discharge Machines	519	23234	36	2303
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	56	4685	2	682
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	193	5440	3	1688
3576	Metal Cutting Machines Tools, NC, N.E.C.	178	90879	46	26106
3577	Sawing & Cut-Off Machines, Non-NC	1848	27012	209	3359
3578	Broaching Machines, Non-NC	67	1737	3	50
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1039	25575	104	1710
4000	Metal Cutting Machine Tools, Used or Rebuilt*	5643	24182	210	1642
5000	Metal Cutting Machine Tools, Less Than $2500**	795448	95431	152862	11095
	TOTAL CUTTING			156467	173051
	TOTAL CUTTING YTD	835800	1535710		
674:	METAL FORMING				
1010	Die Casting Machines	694	27365	[illegible]	320
3582	Metal Forming Machine Tools, Used or Rebuilt	432	7195	70	843
3583	Metal Forming Machine Tools, Less Than $2500	22668	9392	2519	981
3584	Punching and Shearing Machines, Incl. Combination, NC	452	52789	18	2718
3586	Shearing Machines, Non-NC	1003	19617	77	1369
3587	Punching & Combination Punching & Shearing Machines, Non-NC	638	11323	20	272
3588	Bending, Folding, Straightening & Flattening Machines, NC	382	34647	23	1384
3589	Press Brakes, Non-NC	1039	29219	51	1839
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	198	2678	3	44
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1247	33086	136	2287
3593	Metal Forming Machine Tools, NC, N.E.C.	51	3807	13	570
3594	Mechanical Presses, Non-NC	365	51290	74	8220
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	83	7622	6	258
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	2817	158116	1952	33221
3597	Headers & Upsetters, Non-NC	106	7930	4	274
3598	Forging Machines, Non-NC, N.E.C.	133	9534	9	1671
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2054	81139	251	4812
	TOTAL FORMING			5269	61085
	TOTAL FORMING YTD	34362	546789		
	TOTAL ALL TYPES			161736	234136
	TOTAL ALL TYPES YTD	870162	2082499		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	4	138
3428	0	0	0	0	0	0	0	0	1	140
3429	0	0	0	0	0	0	0	0	0	0
3434	0	0	0	0	0	0	0	0	0	0
3436	0	0	0	0	0	0	0	0	0	0
3442	0	0	0	0	0	0	0	0	4	251
3464	0	0	0	0	0	0	0	0	13	527
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	11	104	0	0	0	0	3	851	4	1185
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	10	77
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	8	95
3504	0	0	0	0	0	0	0	0	2	12
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	5
3512	18	176	0	0	0	0	0	0	4	278
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3519	5	72	0	0	0	0	0	0	0	0
3522	5	47	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	8	234
3529	0	0	0	0	0	0	0	0	1	9
3533	0	0	0	0	0	0	1	12	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	16	155
3543	0	0	0	0	0	0	1	43	6	165
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	10	49
3558	0	0	0	0	0	0	0	0	11	49
3559	5	26	0	0	28	150	1	30	11	57
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	2	9	0	0	0	0	9	56
3578	0	0	0	0	0	0	1	11	0	0
3579	0	0	0	0	0	0	3	20	9	76
4000	13	75	0	0	1	6	1	15	6	268
5000	598	161	0	0	106	46	188	77	289	57
CUT MO.	655	660	2	9	135	202	199	1059	427	3884
CUT YTD	4166	6101	804	2972	717	2339	5048	23897	8134	87495
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	2	6
3583	1	2	11	13	2	3	39	54	157	41
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	23	0	0	0	0	8	169
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	1	29	3	168
3589	0	0	9	254	0	0	1	66	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	2	22	4	16	0	0	5	455	9	363
3593	0	0	0	0	0	0	0	0	1	24
3594	0	0	0	0	0	0	0	0	1	3
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	931	0	0	0	0	1	484
3599	0	0	1	5	0	0	11	130	7	237
FRM MO	3	24	27	1242	2	3	57	733	189	1497
FRM YTD	359	921	583	9216	107	1594	899	9194	3191	36376
TOT MO	658	683	29	1252	137	205	256	1792	616	5380
TOT YTD	4525	7022	1387	12188	824	3933	5947	33091	11325	123871

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

674:	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	1	41	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	9	542	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	1	246	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	2	1022
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3428	0	0	0	0	0	0	0	0	0	0
3429	0	0	0	0	0	0	0	0	0	0
3434	0	0	0	0	6	51	0	0	0	0
3436	0	0	0	0	0	0	0	0	0	0
3442	0	0	5	30	0	0	0	0	4	610
3464	0	0	0	0	12	149	1	20	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	108	710	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	1	91	1	10
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	1	205
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	2	91	0	0	0	*
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	1	47
3518	0	0	0	0	0	0	0	0	2	133
3505	0	0	0	0	0	0	1	201	1	156
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	1	53	0	0	0	0
3527	0	0	0	0	0	0	0	0	5	357
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	3	1	173
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	3	938
3554	9	41	0	0	0	0	0	0	6	441
3556	0	0	0	0	0	0	0	0	2	213
3558	3	53	0	0	0	0	0	0	5	1001
3559	6	293	0	0	0	0	3	17	7	597
3562	0	0	0	0	0	0	0	0	31	3271
3564	0	0	0	0	0	0	0	0	4	337
3567	0	0	0	0	0	0	1	482	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	131
3577	7	29	0	0	1	3	0	0	6	515
3578	0	0	0	0	0	0	0	0	0	0
3579	3	93	0	0	16	132	2	109	1	222
4000	0	0	0	0	0	0	4	16	3	52
5000	58	113	34	57	25	55	109	49	25	21
CUT MO.	87	663	39	86	171	1244	133	1775	113	10453
CUT YTD	1381	16764	324	721	2333	17327	2557	10077	2898	85498
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	4	7
3583	107	74	23	32	0	0	57	109	17	5
3584	0	0	0	0	0	0	0	0	4	770
3586	0	0	1	23	14	134	4	61	0	0
3587	0	0	1	4	1	64	12	131	0	0
3588	0	0	0	0	0	0	0	0	6	505
3589	0	0	3	29	0	0	0	0	0	0
3591	0	0	0	0	0	0	1	28	0	0
3592	0	0	0	0	0	0	8	232	5	94
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	2	28	0	0
3596	0	0	0	0	1	100	0	0	0	0
3597	0	0	0	0	0	0	0	0	1	107
3598	0	0	0	0	1	18	0	0	0	0
3599	16	235	0	0	1	80	3	1181	1	251
FRM MO	123	309	28	88	18	396	87	1770	38	1737
FRM YTD	639	2358	108	1586	367	3443	605	11215	879	17133
TOT MO	210	972	67	174	189	1639	220	3546	151	12190
TOT YTD	2020	19122	432	2306	2700	20770	3162	21291	3777	102631

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

674:	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	5	199	1	124	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	6	279	0	0	0	0	0	0	0	0
3411	1	146	10	1600	0	0	1	81	0	0
3412	0	0	1	466	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	2	1271	0	0	0	0	0	0
3419	0	0	22	1200	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	13	11	5	66	0	0	0	0	0	0
3428	0	0	1	159	0	0	0	0	0	0
3429	0	0	2	97	0	0	0	0	0	0
3434	0	0	0	0	0	0	0	0	0	0
3436	0	0	4	27	0	0	0	0	0	0
3442	1	3	0	0	0	0	2	15	0	0
3464	3	96	2	1670	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	45	390	0	0	0	0	0	0	0	0
3468	7	42	2	95	0	0	0	0	0	0
3469	32	255	17	746	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	38	5	392	1	90	5	966	0	0
3504	0	0	0	0	0	0	1	43	0	0
3506	65	507	10	696	0	0	0	0	9	283
3508	9	732	2	547	0	0	0	0	1	16
3510	0	0	10	1760	0	0	0	0	0	0
3512	49	366	0	0	0	0	4	173	3	32
3513	0	0	2	90	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	28	0	0	0	0	0	0
3516	0	0	1	237	0	0	0	0	0	0
3518	0	0	1	9	0	0	0	0	0	0
3505	0	0	1	357	0	0	0	0	0	0
3519	0	0	1	322	0	0	0	0	0	0
3522	12	444	3	80	0	0	5	200	24	95
3527	1	3	32	4969	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	12	94	26	479	4	37	5	104	0	0
3533	1	21	5	688	0	0	0	0	0	0
3539	0	0	3	331	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	22	1300	26	505	0	0	16	84	0	0
3546	0	0	1	444	0	0	0	0	0	0
3554	0	0	3	444	0	0	0	0	0	0
3556	1	19	0	0	0	0	0	0	0	0
3558	1	25	0	0	0	0	0	0	0	0
3559	37	216	15	1669	0	0	5	1221	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	1	41	4	546	0	0	0	0	0	0
3567	1	200	0	0	0	0	0	0	0	0
3571	1	11	1	1660	0	0	0	0	0	0
3576	0	0	4	624	0	0	0	0	0	0
3577	23	153	40	219	4	39	13	155	0	0
3578	0	0	1	13	0	0	0	0	0	0
3579	8	359	10	105	0	0	37	254	0	0
4000	23	206	25	266	0	0	8	26	13	84
5000	4655	530	16021	1603	16	33	449	241	1	1
CUT MO	5036	6683	16324	26603	25	200	551	3562	51	512
CUT YTD	44130	71183	138756	257079	574	4167	6463	22716	845	4049
1010	0	0	0	0	0	0	8	35	0	0
3582	4	91	1	177	0	0	7	38	0	0
3583	9	6	165	118	0	0	15	8	0	0
3584	0	0	2	745	0	0	0	0	0	0
3586	4	110	11	260	0	0	2	16	0	0
3587	0	0	5	70	0	0	0	0	0	0
3588	0	0	0	0	0	0	1	11	0	0
3589	4	37	2	85	0	0	10	182	0	0
3591	1	3	0	0	0	0	0	0	0	0
3592	3	35	21	266	0	0	48	554	0	0
3593	0	0	5	284	0	0	0	0	0	0
3594	0	0	33	2189	0	0	1	6	2	1445
3595	1	3	1	166	0	0	1	38	0	0
3596	2	163	32	1013	0	0	1	56	0	0
3597	0	0	1	28	0	0	0	0	0	0
3598	1	73	5	163	0	0	0	0	0	0
3599	13	260	160	1173	0	0	22	700	1	4
FRM MO	42	782	444	6737	0	0	116	1661	3	1449
FRM YTD	917	21031	5291	84117	3	299	1859	27694	38	14952
TOT MO	5078	7465	16768	33340	25	200	667	5223	54	1962
TOT YTD	15047	92214	144047	341197	577	4465	8322	50411	883	19001

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

674:	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	167	14266	1	52	2	107
3406	0	0	0	0	20	2933	0	0	0	0
3409	0	0	0	0	77	11557	0	0	0	0
3411	0	0	0	0	31	3110	0	0	0	0
3412	0	0	0	0	3	1700	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	280	0	0	0	0
3419	0	0	0	0	1	239	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	5	382	0	0	0	0
3329	0	0	0	0	2	46	0	0	0	0
3334	1	5	0	0	6	106	0	0	0	0
3336	1	4	0	0	0	0	0	0	0	0
3342	0	0	0	0	4	333	0	0	0	0
3464	0	0	0	0	10	468	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	21	92	0	0	2	196	0	0	0	0
3476	0	0	0	0	3	303	0	0	0	0
3477	0	0	0	0	1	85	0	0	0	0
3481	0	0	0	0	2	307	0	0	0	0
3483	0	0	0	0	3	131	0	0	0	0
3504	0	0	0	0	3	277	0	0	0	0
3506	0	0	0	0	379	18598	29	411	13	169
3508	0	0	0	0	55	4377	0	0	0	0
3510	0	0	0	0	7	1227	0	0	0	0
3512	1	5	0	0	6	209	13	79	44	404
3513	0	0	0	0	3	128	0	0	0	0
3514	0	0	0	0	2	151	0	0	0	0
3515	0	0	0	0	4	299	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	3	277	0	0	0	0
3505	0	0	0	0	45	802	0	0	0	0
3519	0	0	0	0	18	1512	0	0	0	0
3522	1	75	0	0	24	726	0	0	0	0
3527	0	0	0	0	1	106	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	14	165	0	0	2	12
3533	0	0	0	0	5	297	0	0	0	0
3539	0	0	0	0	1	35	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	50	758	0	0	2	43
3546	0	0	0	0	6	607	0	0	0	0
3554	0	0	0	0	3	300	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	4	10	5	231	0	0	0	0
3562	0	0	0	0	45	1810	0	0	0	0
3564	0	0	0	0	21	1349	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	1	17	0	0	0	0
3576	0	0	0	0	40	25351	0	0	0	0
3577	0	0	1	57	77	1974	0	0	0	0
3578	0	0	0	0	1	26	0	0	0	0
3579	0	0	0	0	11	184	0	0	2	137
4000	0	0	0	0	11	278	0	0	0	0
5000	0	0	0	0	4916	998	44	68	1	2
CUT MO.	27	181	5	67	6095	99511	87	610	66	872
CUT YTD	2184	2805	191	1703	142917	789678	841	9312	701	6464
1010	0	0	0	0	35	285	0	0	0	0
3582	0	0	0	0	52	525	0	0	0	0
3583	248	7	0	0	1175	361	0	0	0	0
3584	0	0	0	0	12	1203	0	0	0	0
3586	0	0	3	52	26	466	0	0	0	0
3587	0	0	0	0	0	0	1	5	0	0
3588	0	0	0	0	12	671	0	0	0	0
3589	0	0	0	0	21	1169	0	0	0	0
3591	0	0	0	0	1	13	0	0	0	0
3592	0	0	0	0	11	102	0	0	0	0
3593	0	0	0	0	7	262	0	0	0	0
3594	0	0	0	0	36	4566	0	0	0	0
3595	1	23	0	0	0	0	0	0	0	0
3596	0	0	0	0	1913	31752	0	0	0	0
3597	0	0	0	0	2	140	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	9	439	0	0	0	0
FRM MO	249	30	3	52	3312	41952	1	5	0	0
FRM YTD	265	32	45	955	9721	294762	17	65	50	444
TOT MO.	276	210	8	118	9407	141463	88	614	66	872
TOT YTD	2449	2837	236	2658	152638	1084440	858	9377	751	6909

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1986

674	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	12	432	0	0	0	0
3406	3	162	0	0	0	0
3409	11	389	0	0	0	0
3411	21	833	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	1	15
3423	0	0	0	0	0	0
3328	7	311	0	0	0	0
3329	0	0	0	0	0	0
3334	3	16	0	0	0	0
3336	12	40	0	0	3	20
3342	6	91	0	0	0	0
3464	13	250	0	0	0	0
3466	0	0	0	0	0	0
3467	115	560	0	0	0	0
3468	36	459	0	0	0	0
3469	88	260	0	0	2	14
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	35	244	0	0	0	0
3508	3	13	0	0	0	0
3510	0	0	0	0	0	0
3512	184	1061	0	0	24	247
3513	8	125	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	8	0	0	0	0
3505	1	56	0	0	0	0
3519	1	30	0	0	2	100
3522	48	217	0	0	3	12
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	10	69	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	5	59	0	0	0	0
3543	104	494	0	0	0	0
3546	0	0	0	0	0	0
3554	5	31	0	0	3	19
3556	2	10	0	0	0	0
3558	1	7	0	0	0	0
3559	3	16	0	0	0	0
3562	0	0	0	0	0	0
3564	6	30	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	26	150	0	0	0	0
3578	0	0	0	0	0	0
3579	2	19	0	0	0	0
4000	99	314	0	0	3	36
5000	124997	6964	0	0	330	20
CUT MO	125868	13720	0	0	371	483
CUT YTD	496422	105874	515	717	2899	6646
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	472	113	1	2	20	34
3584	0	0	0	0	0	0
3586	1	11	0	0	2	24
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	1	17	0	0	0	0
3591	0	0	0	0	0	0
3592	9	96	0	0	11	56
3593	0	0	0	0	0	0
3594	1	10	0	0	0	0
3595	0	0	0	0	0	0
3596	2	128	0	0	1	9
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	6	117	0	0	0	0
FRM MO	492	491	1	2	14	123
FRM YTD	7468	1003	14	121	917	6037
TOT MO	126360	14211	1	2	405	606
TOT YTD	503890	108877	549	1038	1816	12683

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	5	61	1	9	6	70
EAST GERMANY	3	17	0	0	3	17
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	3	20	0	0	3	20
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	0	0	0	0
POLAND	72	225	0	0	72	225
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	83	323	1	9	84	332
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	2	33	22	48	24	81
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	2	33	22	48	24	81
OTHER SOUTH AMERICA						
ARGENTINA	3	109	0	0	3	109
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM	0	0	0	0	0	0
TOTAL	3	109	0	0	3	109
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	3	1	0	0	3	1
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	280	17	0	0	280	17
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	283	18	0	0	283	18
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	11	66	11	66
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	11	66	11	66

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

A8050-3

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

RELEASED: FEBRUARY 6, 1987

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	65	4168	3	434
3045	Gear Cutting Machines, N.E.C.	86	19525	2	908
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	13	1328	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	23	5652	4	944
3211	Machining Centers, NC, N.E.C.	68	6190	1	283
3216	Single Station and Multi-Station Transfer Machines	43	32129	3	1786
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	3113	1	226
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	24	1878	1	147
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	10	1210	5	514
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	34	3285	4	82
3254	Drilling Machines, NC	19	2013	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	46	8370	10	522
3256	Drilling Machines, Radial, Non-NC	27	498	14	357
3257	Drilling Machines, Upright, Single Spindle, Non-NC	11	222	1	20
3258	Drilling Machines, Non-NC, N.E.C.	156	3712	1	66
3264	Milling Machines, NC	30	9286	3	2863
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	46	4124	2	704
3267	Milling Machines, Knee Type, Non-NC	7	468	1	29
3268	Milling Machines, Bed Type, Non-NC	10	2776	1	57
3269	Milling Machines, Non-NC, N.E.C.	99	6400	12	1501
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	300	18282	62	2638
3281	Boring Machines, NC, N.E.C.	6	1728	0	0
3283	Boring Machines, Non-NC, N.E.C.	71	4300	10	926
3503	Horizontal Lathes, Multi-Spindle, NC	5	773	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	118	9009	10	575
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	21	2996	0	0
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	8	1383	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	66	1089	0	0
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	10	1743	1	47
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	13	578	4	170
3515	Automatic Bar Machines, Single-Spindle, Non-NC	27	1018	3	88
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	20	843	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	1348	20224	168	3053
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	12	2986	2	500
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	30	2617	2	140
3525	Vertical Lathes, Excl. VTLs, Non-NC	137	7876	4	151
3528	Grinding, Polishing, Honing & Lapping Machines, NC	69	8305	3	1424
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	47	5400	4	428
3531	Tool & Cutter Grinding Machines, Non-NC	145	4638	7	34
3532	Honing & Lapping Machines, Non-NC	232	7701	30	293
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	48	1234	7	192
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	173	12827	11	453
3541	External Grinding Machines, Non-NC	26	2621	0	0
3542	Internal Grinding Machines, Non-NC	8	1356	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	150	6810	11	383
3546	Grinding Machines, Non-NC, N.E.C.	198	4434	13	199
3547	Traveling Wire Electrical Discharge Machines	6	296	0	0
3549	All Other Electrical Discharge Machines	95	1861	1	3
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	15	1511	1	45
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	30	1029	2	60
3559	Metal Cutting Machine Tools, NC, N.E.C.	19	1213	0	0
3565	Sawing & Cut-Off Machines, Non-NC	412	7949	36	837
3566	Broaching Machines, Non-NC	8	582	3	27
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	181	6754	11	837
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2835	30750	232	1809
5000	Metal Cutting Machine Tools, Less Than $2500**	33862	12213	3635	1144
	TOTAL CUTTING			4342	27805
	TOTAL CUTTING YTD	41602	323207		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	17112	0	1122
3568	Metal Forming Machine Tools, Used Or Rebuilt	839	6899	47	303
3569	Metal Forming Machine Tools, Less Than $2500	3726	2514	225	151
3571	Punching & Shearing Machines, Incl. Combination, NC	40	4415	4	544
3573	Shearing Machines, Non-NC	62	1458	9	248
3575	Punching & Combination Punching & Shearing Machines, Non-NC	427	14507	63	2793
3578	Bending, Folding, Straightening & Flattening Machines, NC	117	5413	6	1522
3582	Press Brakes, Non-NC	96	4154	12	571
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	18	1328	1	230
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	429	20197	38	1168
3588	Mechanical Presses, Non-NC	150	11175	12	610
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	45	8606	8	233
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	636	34689	46	2009
3594	Headers & Upsetters, Non-NC	62	10342	4	679
3595	Forging Machines, Non-NC, N.E.C.	92	6931	4	185
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	622	48217	95	2579
	TOTAL FORMING			574	14950
	TOTAL FORMING YTD	7361	197990		
	TOTAL ALL TYPES			4916	42755
	TOTAL ALL TYPES YTD	48963	521197		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	-	0	0	0	0	0	0
3045	0	0	0	-	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	46	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	38	2301	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	6	71	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	12	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	2	233	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	20
4000	1	18	0	0	0	0	0	0	1	5
5000	0	0	10	42	0	0	4	8	1	2
CUT MO	2	64	68	2342	0	0	13	324	3	26
CUT YTD	25	361	904	17257	6	213	2758	3951	36	931
1011	0	4	0	0	0	0	0	0	0	0
3568	0	0	0	0	1	9	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	1	32	0	0	0	0	6	1[illegible]	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	10	477	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	74	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	2	228
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO	1	35	10	477	1	9	8	93	2	228
FRM YTD	12	645	108	2612	8	90	211	5885	70	1241
TOT MO	3	99	78	2819	1	9	21	417	5	254
TOT YTD	37	1006	1012	19869	14	303	2969	9836	106	2172

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	22	315	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	5	50	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	7	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	1	146	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	5	34	1	22	0	0
5000	0	0	21	15	0	0	76	97	0	0
CUT MO.	6	57	43	329	6	180	77	119	0	0
CUT YTD	740	5117	250	2141	7	410	1091	1938	503	2010
1011	0	122	0	28	0	0	0	0	0	0
3568	0	0	0	0	1	6	0	0	0	0
3569	0	0	2	1	0	0	0	0	14	6
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	62	0	0	0	0	2	119	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	3	162	0	0	0	0	0	0
3594	2	594	0	0	0	0	0	0	0	0
3595	1	126	0	0	0	0	0	0	0	0
3598	0	0	1	4	0	0	0	0	0	0
FRM MO.	5	904	6	195	1	6	2	119	14	6
FRM YTD	46	9759	62	776	8	307	26	921	27	1741
TOT MO.	11	961	49	525	7	185	79	237	14	6
TOT YTD	786	14876	312	2917	15	717	1117	2860	530	3751

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	276	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	597	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	1	142	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	2	792	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	147	0	0	0	0	0	0
3248	0	0	0	0	0	0	3	321	0	0
3249	0	0	1	15	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	14	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	1	47	0	0	0	0	0	0
3512	2	71	0	0	0	0	2	99	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	9	0	0
3521	0	0	0	0	0	0	2	500	0	0
3523	1	47	0	0	0	0	0	0	0	0
3525	0	0	1	31	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	2	213	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	2	8	0	0	0	0	15	171	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	89	0	0	1	72	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	287	2	23	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	10	0	0	1	26	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	21	0	0	0	0	0	0
4000	0	0	3	11	0	0	5	84	0	0
5000	555	78	884	131	0	0	134	92	0	0
CUT MO	562	490	901	1807	0	0	167	2127	0	0
CUT YTD	1570	4519	2737	34297	6	1024	1471	14282	56	1133
1011	0	0	0	20	0	0	0	165	0	0
3568	0	0	0	0	0	0	7	55	0	0
3569	0	0	16	4	0	0	20	11	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	81	0	0
3578	0	0	0	0	0	0	3	559	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	46	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	25	0	0	0	0	0	0	0	0
3595	0	0	3	59	0	0	0	0	0	0
3598	0	0	54	1739	0	0	0	0	0	0
FRM MO	1	25	73	1822	0	0	34	917	0	0
FRM YTD	43	1324	223	7021	1	240	394	15382	3	482
TOT MO	563	515	974	3628	0	0	201	3044	0	0
TOT YTD	1613	5843	2960	41318	7	1264	1865	29664	59	1615

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	138	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	578	1	85	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	1	995	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	226	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	1	134	0	0	0	0	0	0
3249	0	0	2	22	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	4	350	2	95	0	0	0	0
3256	0	0	0	0	1	6	0	0	0	0
3257	0	0	0	0	1	20	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	1	180	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	1	29	0	0	0	0	0	0
3268	0	0	1	57	0	0	0	0	0	0
3269	0	0	0	0	3	308	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	1	10	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	3	858	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	1	72	1	75	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	14	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	158	2730	0	0	1	69
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	3	22	2	7	1	2	0	0
3532	0	0	3	29	4	15	0	0	0	0
3533	0	0	1	73	1	3	1	9	0	0
3538	0	0	0	0	4	245	2	17	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	4	36	0	0	0	0	3	37
3546	0	0	0	0	6	113	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	3	0	0	0	0	0	0	0	0
3551	1	45	0	0	0	0	0	0	0	0
3553	0	0	0	0	2	60	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	15	129	13	215	1	5	0	0
3566	0	0	2	14	0	0	0	0	0	0
3567	0	0	0	0	8	622	0	0	0	0
4000	1	39	17	35	128	706	15	74	8	66
5000	39	11	321	246	65	64	6	10	1	1
CUT MO.	42	98	382	2441	405	7229	26	115	13	173
CUT YTD	503	1731	6736	38633	3925	57914	616	1688	133	535
1011	0	4	0	163	0	105	0	0	0	0
3568	0	0	1	56	12	44	0	0	0	0
3569	0	0	130	82	18	29	2	4	8	3
3571	0	0	2	352	0	0	0	0	0	0
3573	0	0	1	101	1	96	0	0	0	0
3575	0	0	11	429	21	651	1	3	0	0
3578	1	559	1	13	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	45	7	78	11	412	0	0	0	0
3588	0	0	0	0	6	282	0	0	0	0
3589	0	0	1	44	7	190	0	0	0	0
3590	0	0	3	697	21	361	0	0	0	0
3594	0	0	0	0	1	60	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	21	619	6	78	0	0	0	0
FRM MO.	3	608	178	2633	104	2306	3	7	8	3
FRM YTD	47	1520	2239	37442	1901	26949	62	547	14	383
TOT MO.	45	705	560	5075	509	9536	29	122	21	176
TOT YTD	550	3251	8975	76076	5826	84863	678	2234	147	918

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	1	283
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	66	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	1	1355
3266	0	0	0	0	0	0	0	0	2	704
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	8	1184
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	2	7	1	30
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	57	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	1084
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	11	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	1	16	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	3	0	0
3566	0	0	0	0	0	0	1	13	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	128	2	7	11	42	1	1	0	0
5000	0	0	0	0	65	61	12	16	0	0
CUT MO	6	261	2	7	77	118	17	39	14	4640
CUT YTD	169	10466	101	1300	1258	2190	443	1112	623	27516
1011	0	61	0	0	0	2	0	0	0	43
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	5	4	1	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	36	0	0	16	845	0	0	4	368
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	2	211	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	2	295	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	40
FRM MO	6	603	0	0	21	851	1	2	5	451
FRM YTD	36	2156	37	293	122	2849	47	593	102	14806
TOT MO	12	864	2	7	98	969	18	41	19	5091
TOT YTD	205	12621	138	1593	1380	5039	490	1706	725	42322

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	211	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	1	140	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	1	1329
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	2	17
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	7	100
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	74	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	169	1	24	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	2	340	0	0
3529	0	0	0	0	0	0	1	69	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	4	108	0	0
3538	0	0	0	0	0	0	1	8	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	3	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	199	1	18
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3000	0	0	0	0	10	146	3	182	14	82
5000	0	0	0	0	21	30	825	108	304	16
CUT MO	0	0	1	74	32	345	841	1391	329	1761
CUT YTD	1019	1875	556	7490	1496	2182	6203	32660	961	17767
1011	0	40	0	5	0	0	0	3	0	74
3568	0	0	0	0	0	0	1	19	0	0
3569	0	0	0	0	6	1	0	0	0	0
3571	1	42	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	51	0	0
3578	0	0	0	0	0	0	1	392	0	0
3582	0	0	0	0	0	0	0	0	2	94
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	3	108	2	119
3588	0	0	0	0	1	54	1	31	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	64	2	34	11	155
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	10	41	2	59
FRM MO	1	82	0	5	8	119	19	679	17	500
FRM YTD	22	253	49	2063	94	2512	300	14807	99	10372
TOT MO	1	82	1	79	40	463	860	2070	346	2262
TOT YTD	1041	2127	605	9552	1590	4694	6503	47467	1060	28138

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	1	20
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	1	60
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	4	77
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	127
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	1	93	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	4
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	12
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	175
4000	0	0	0	0	0	0	0	0	1	6
5000	0	0	0	0	12	14	26	11	22	7
CUT MO	0	0	0	0	12	14	27	104	33	489
CUT YTD	34	1677	108	269	136	376	461	3947	625	3964
1011	0	0	0	3	0	0	0	64	0	20
3568	0	0	0	0	3	73	0	0	21	42
3569	0	0	2	3	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	73	0	0	1	9	1	95
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	2	33	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO	0	0	4	79	3	73	3	105	22	157
FRM YTD	0	0	27	263	48	8789	122	2924	84	4410
TOT MO	0	0	4	79	15	87	30	209	55	646
TOT YTD	34	1677	135	532	184	9165	583	6871	709	8373

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	13	351	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	10	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	2	9	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	63	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	1	34	3	21	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	2	48	0	0	0	0
5000	0	0	10	19	117	43	0	0	0	0
CUT MO.	0	0	24	380	123	196	3	21	0	0
CUT YTD	104	9909	702	3067	1860	3582	57	143	8	106
1011	0	0	0	173	0	10	0	5	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	1	2	0	0	0	0	0	0
3571	0	0	0	0	1	150	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	1	230	0	0
3584	0	0	0	0	4	90	1	15	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	13	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	0	1	174	6	262	2	260	0	0
FRM YTD	16	7148	73	2164	388	4223	108	371	0	0
TOT MO.	0	0	25	554	129	458	5	481	0	0
TOT YTD	120	17057	775	5231	2248	7805	165	514	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1986

374:	EGYPT UNITS	EGYPT $000	REP. S. AFR UNITS	REP. S. AFR $000	OTH. AFRICA UNITS	OTH. AFRICA $000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	1	16
5000	0	0	84	23	0	0
CUT MO.	0	0	84	23	1	16
CUT YTD	91	246	346	638	168	574
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	1	153	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	1	153	0	0	0	0
FRM YTD	6	442	63	812	13	442
TOT MO.	1	153	84	23	1	16
TOT YTD	97	688	409	1450	181	1016

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
NOVEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	1	559	1	559
EAST GERMANY	0	0	0	0	0	0
FINLAND	1	45	0	0	1	45
GIBRALTAR	0	0	0	0	0	0
GREECE	5	11	0	4	5	14
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	36	43	2	45	38	88
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	42	98	3	608	45	705
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	3	7	3	7
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	2	4	0	0	2	4
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	7	24	0	0	7	24
HAITI	1	2	0	0	1	2
HONDURAS	5	32	0	0	5	32
JAMAICA	2	7	0	0	2	7
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	4	31	0	0	4	31
SALVADOR	1	2	0	0	1	2
TRINIDAD	4	12	0	0	4	12
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	26	115	3	7	29	122
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	2	15	0	0	2	15
ECUADOR	7	7	0	0	7	7
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	1	2	1	2
PERU	8	18	0	0	8	18
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	17	39	1	2	18	41
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	173	0	173
BAHRAIN	0	0	0	0	0	0
BANGALDESH	1	10	0	0	1	10
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	19	364	1	2	20	366
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	4	6	0	0	4	6
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	24	380	1	174	25	554
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	16	0	0	1	16
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	16	0	0	1	16

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

A8050-3B

REPORT

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STATISTICAL

REPORT NO. 38-87
March 13, 1987

U.S. Foreign Trade in Machine Tools - 1986

U.S. foreign trade in machine tools during the fourth quarter of 1986 produced a trade deficit of $420.2 million, bringing the total 1986 deficit to $1,662.4 million. Compared to 1985, U.S. exports increased 30% to a 1986 annual total of $590.3 million. U.S. imports of machine tools also increased 30% over last year to $2,252.7 million for 1986.

U.S. Machine Tool Trade
($Millions)

	4th Quarter 1986			Annual		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$108.5	$406.6	($298.1)	$371.3	$1,654.6	($1,283.3)
Metal Forming	$ 59.8	$181.9	($122.1)	$219.0	$ 598.1	($ 379.1)
Total	$168.3	$588.5	($420.2)	$590.3	$2,252.7	($1,662.4)

EXPORTS

U.S. exports of metal cutting and metal forming machine tools totaled $371,265,000 and $219,059,000, respectively. Compared to 1985, exports of metal cutting machines rose 30% while metal forming exports increased 32%.

Increased dollar value and market share occurred in Europe, Asia and North and Central America during 1986. Decreases of U.S. exports occurred in South America, Oceania and Africa for the same period. Regional comparisons for 1985 and 1986 are shown on the next page.

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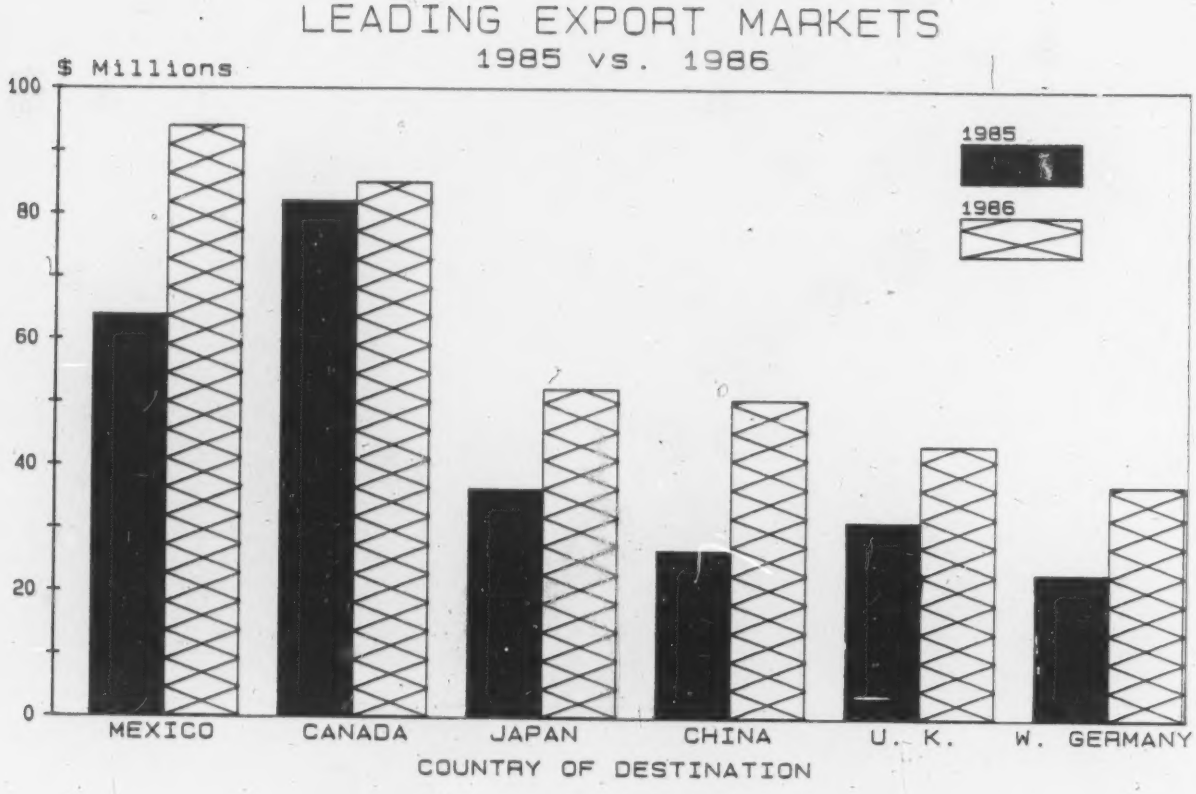
	U.S. Exports-1986 $ Mil.	% of Total	U.S. Exports-1985 $ Mil.	% of Total	%Change 86:85 Dollar Value
Asia	$206.6	35.0%	$138.1	30.5%	+ 49.6%
N & C America	181.2	30.7	149.1	33.0	+ 21.5
Europe	161.1	27.3	101.4	22.4	+ 58.9
South America	29.1	4.9	37.2	8.2	- 21.8
Oceania	8.9	1.5	15.4	3.4	- 42.2
Africa	3.3	0.6	11.2	2.5	- 70.5
	$590.3	100.0%	$452.4	100.0%	+ 30.5%

Exports to six countries represented 61% of total U.S. machine tool exports. Ranked by dollar value, the leading markets were:

	U.S. Exports-1986 $ Mil.	% of Total	U.S. Exports-1985 $ Mil.	% of Total	%Change 86:85 Dollar Value
Mexico	$ 93.9	15.9%	$ 63.8	14.1%	+ 47.2%
Canada	85.0	14.4	82.0	18.1	+ 3.7
Japan	52.1	8.8	36.2	8.0	+ 43.9
China	50.5	8.5	26.6	5.9	+ 89.8
United Kingdom	43.3	7.3	31.2	6.9	+ 38.8
West Germany	37.0	6.3	23.1	5.1	+ 60.2
	$361.7	61.3%	$262.8	58.1%	+ 37.6%

Mexico became the leading export market for U.S. machine tools in 1986, accounting for 16% of the total. Metal cutting exports increased 58% from last year's level of $40.3 million to $63.8 million. Exports of metal forming machines rose 28% to $30.1 million in 1986.

U.S. exports to Canada represented 14% of total machine tool exports in 1986, totaling $85.0 million up from $82.0 million. Metal cutting machine tool exports fell 12% from 1985 to $43.6 million for the current year. Exports of metal forming machinery increased 27% to $41.4 million in 1986.



Machine tool exports to Japan stood at $52.1 million this year, up 44% from $36.2 million last year. Metal cutting exports totaled $35.8 million, up 78% from last years total of $20.1 million. Exports of metal forming machinery increased slightly in 1986, from $16.1 million to $16.4 million.

China registered the most significant gain in dollar value compared to 1985, rising 90% to $50.5 million in 1986. Metal cutting exports totaled $34.8 million, up 60% from last year. Metal forming exports more than tripled from their 1985 level of $4.9 million to stand at $15.7 million this year.

Exports to the United Kingdom stood at $43.3 million, up from $31.2 million in 1985. Exports of metal cutting machinery increased 80% during 1986, to $35.8 million. Metal forming exports fell 34% to stand at $7.5 million this year.

West Germany's share of total U.S. machine tool exports in 1986 stood at 6%, up 1 percentage point from last year. U.S. exports for metal cutting and metal forming machine tools increased during 1986, rising 72% and 47%, respectively.

IMPORTS

The reported dollar value of U.S. machine tool imports stood at $2,252.7 million during 1986. Metal cutting imports increased 20% from 1985 to $1,654.6 million in 1986. Metal forming imports of $598.1 million were 64% above their 1985 level of $363.8 million. It should be noted that machine tool imports, as reflected in the government statistics, are actually undervalued. They reflect values in the country of origin and do not include ocean freight, insurance, dealer's commissions, or import duties. The purchaser in this country is paying significantly more for imported machine tools than is reported in the government import statistics.

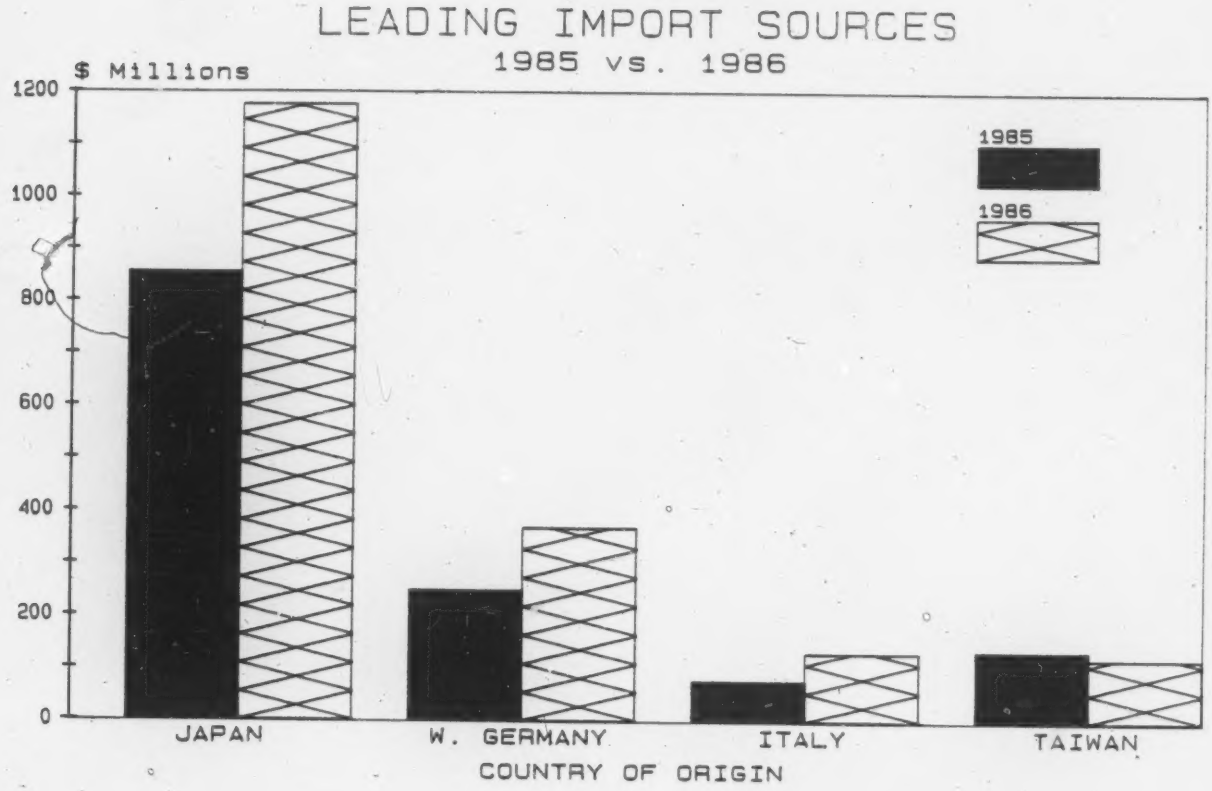
In 1986, four countries supplied 80% of U.S. machine tool imports. The dollar value of these countries' combined shipment total to the U.S. rose 36% above last year's level.

	U.S. Imports-1986		U.S. Imports-1985		%Change 86:85
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$1,174.6	52.1%	$ 854.1	49.1%	+37.5%
West Germany	367.9	16.3	248.9	14.3	+47.8
Italy	129.8	5.8	76.6	4.4	+69.5
Taiwan	119.3	5.3	134.2	7.7	-11.1
	$1,791.5	79.5%	$1,313.8	75.5%	+36.4%

Japan supplied 52% of total U.S. machine tool imports during 1986, up from 49% last year. Metal cutting imports of $841.8 million were up 17% from their 1985 level. Imports of metal forming machines more than doubled this year, from $132.7 million to $332.8 million.

U.S. imports of both metal cutting and metal forming machine tools from West Germany increased in 1986. Metal cutting imports of $279.6 million increased 50% from last year while metal forming imports rose 42%. West German imports represented 16% of total U.S. imports during 1986, up 2 percentage points from 1985.

Italy's market share increased over 1 percentage point to 6% this year even though the dollar value rose from $76.6 million in 1985 to $129.8 million. Metal cutting imports rose from $45.3 million in 1985 to $92.3 million this year. Imports of metal forming machinery increased 20% to stand at $37.5 million in 1986.



Taiwan's share of total U.S. imports fell 2 percentage points from the previous year's level to 5%. Of the $119.3 million import total, $116.1 million was comprised of metal cutting machine tools. This metal cutting total was 11% below last year's level. Metal forming imports fell 19% to $3.1 million this year.

* * *

ES, I1, I2

A8050-316

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL UNITS	YTD $000
674	METAL CUTTING		
3025	Gear Hobbers	73	9149
3035	Gear Shapers	5	764
3045	Gear Cutting Machines, N.E.C.	21	3101
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	2220	171305
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	328	31566
3409	Horizontal Machining Centers, ATC, NC	715	89382
3411	Machining Centers, NC, N.E.C.	774	69504
3412	Single Station and Multi-Station Transfer Machines	92	32534
3413	Way Type Machines, (Unit Heads)	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	1337
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	47	10769
3419	Vertical Boring-Drilling-Milling Machines, NC	245	19034
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	23	1683
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	97	2916
3328	Drilling Machines, NC	144	10466
3329	Drilling Machines, Multi-Spindle, Non-NC	60	4741
3334	Drilling Machines, Radial, Non-NC	245	2094
3336	Drilling Machines, Upright, Single Spindle, Non-NC	111	776
3342	Drilling Machines, Non-NC, N.E.C.	706	20605
3464	Milling Machines, NC	804	57295
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	22	1214
3467	Milling Machines, Knee Type, Non-NC	3530	19920
3468	Milling Machines, Bed Type, Non-NC	333	6664
3469	Milling Machines, Non-NC, N.E.C.	1862	28678
3476	Vertical Boring Machines, Incl. VTL's, NC	78	10636
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	210	4419
3481	Boring Machines, NC, N.E.C.	26	10669
3483	Boring Machines, Non-NC N.E.C.	507	58150
3504	Horizontal Lathes, Multi-Spindle, NC	42	4214
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3741	158022
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	911	63266
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	292	23889
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3941	32288
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	113	3550
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	130	12064
3515	Automatic Bar Machines, Single Spindle, Non-NC	57	1890
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	20	3063
3518	Horizontal Lathes, Non-NC, N.E.C.	232	10014
3505	Vertical Lathes, Multi-Spindle, NC	171	12259
3519	Vertical Lathes, NSPF, NC	461	29558
3522	Vertical Lathes, Excl. VTL's, Non-NC	1656	37037
3527	Gear Tooth Grinding & Finishing Machines	458	19607
3528	Tool & Cutter Grinding Machines, NC	107	4923
3529	Tool & Cutter Grinding Machines, Non-NC	1269	20135
3533	Honing & Lapping Machines	246	14196
3539	Grinding Machines, Flat Surface, NC	50	8336
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	415	6147
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1607	29810
3546	Grinding & Polishing Machines, NC, N.E.C.	116	13245
3554	External Grinding Machines, Non-NC	811	19836
3556	Internal Grinding Machines, Non-NC	107	5458
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	194	9757
3559	Grinding Machines, Non-NC, N.E.C.	1689	58118
3562	Traveling Wire Electrical Discharge Machines	867	58266
3564	All Other Electrical Discharge Machines	542	24640
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	65	4975
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	202	5542
3576	Metal Cutting Machines Tools, NC, N.E.C.	192	92097
3577	Sawing & Cut-Off Machines, Non-NC	1988	30702
3578	Broaching Machines, Non-NC	68	1746
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1159	28272
4000	Metal Cutting Machine Tools, Used or Rebuilt*	6126	26780
5000	Metal Cutting Machine Tools, Less Than $2500**	861561	100968
	TOTAL CUTTING	904891	1654576
674	METAL FORMING		
1010	Die Casting Machines	705	27906
3582	Metal Forming Machine Tools, Used or Rebuilt	499	7943
3583	Metal Forming Machine Tools, Less Than $2500	25782	10064
3584	Punching and Shearing Machines, Incl. Combination, NC	483	55352
3586	Shearing Machines, Non-NC	1082	21028
3587	Punching & Combination Punching & Shearing Machines, Non-NC	683	12039
3588	Bending, Folding, Straightening & Flattening Machines, NC	394	35158
3589	Press Brakes, Non-NC	1083	30114
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	202	2790
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1288	34589
3593	Metal Forming Machine Tools, NC, N.E.C.	60	22378
3594	Mechanical Presses, Non-NC	381	58458
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	84	7733
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	2844	167701
3597	Headers & Upsetters, Non-NC	108	7975
3598	Forging Machines, Non-NC, N.E.C.	145	9974
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2160	86902
	TOTAL FORMING	37983	598148
	TOTAL ALL TYPES	942874	2252724

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

674	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	176	0	0	0	0	1	14
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	9	349	0	0	2	126	3	1038
3412	0	0	0	0	0	0	13	1597	3	1508
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	2	352
3419	0	0	0	0	0	0	0	0	2	558
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	1	187	7	203	0	0	7	317
3328	2	8	0	0	0	0	1	135	2	288
3329	0	0	0	0	0	0	0	0	1	15
3334	0	0	8	46	0	0	0	0	7	76
3336	0	0	0	0	0	0	0	0	29	287
3342	5	188	0	0	0	0	113	1022	35	1129
3464	0	0	0	0	0	0	3	2939	98	7762
3466	1	9	0	0	0	0	0	0	4	401
3467	0	0	0	0	0	0	0	0	0	0
3468	1	68	0	0	0	0	1	720	2	45
3469	107	928	0	0	0	0	9	2059	29	1920
3476	0	0	0	0	0	0	55	7908	2	295
3477	0	0	0	0	0	0	13	252	52	696
3481	0	0	0	0	0	0	1	774	5	7426
3483	7	67	0	0	12	97	4	911	241	45147
3504	0	0	0	0	0	0	4	294	3	22
3506	1	15	0	0	0	0	7	325	0	0
3508	0	0	0	0	0	0	2	108	1	150
3510	0	0	0	0	0	0	0	0	1	5
3512	95	506	15	58	0	0	0	0	20	629
3513	0	0	0	0	0	0	1	9	0	0
3514	0	0	0	0	0	0	0	0	2	363
3515	0	0	0	0	0	0	1	32	1	6
3516	0	0	0	0	0	0	0	0	0	0
3518	1	9	0	0	1	3	7	54	44	1046
3505	0	0	0	0	0	0	2	574	0	0
3519	106	981	0	0	0	0	0	0	1	164
3522	21	188	4	345	0	0	19	1463	44	772
3527	2	78	1	27	0	0	0	0	105	738
3528	0	0	0	0	0	0	2	297	65	1849
3529	1	281	3	18	0	0	2	18	57	471
3533	0	0	1	10	1	6	2	19	29	111
3539	0	0	0	0	0	0	0	0	0	0
3541	7	21	6	112	0	0	0	0	210	2119
3543	1	7	0	0	26	520	3	49	51	1831
3546	19	763	0	0	0	0	0	0	2	58
3554	0	0	2	25	5	21	2	53	6	332
3556	0	0	0	0	0	0	0	0	10	49
3558	0	0	0	0	2	91	0	0	86	1965
3559	10	76	2	123	104	972	39	378	187	4000
3562	0	0	0	0	0	0	0	0	0	0
3564	5	134	5	26	0	0	46	996	1	28
3567	0	0	41	753	0	0	0	0	0	0
3571	0	0	0	0	0	0	5	51	4	55
3576	3	115	0	0	0	0	1	571	0	0
3577	15	81	6	158	1	14	31	481	114	748
3578	0	0	0	0	0	0	2	51	1	83
3579	6	274	2	36	6	180	29	484	62	1709
4000	65	294	26	130	7	53	680	787	160	1855
5000	3781	1501	708	405	589	326	4296	1773	6832	1880
CUT YTD	4262	4591	811	2983	761	2486	5398	27307	8624	92311
1010	0	0	0	0	0	0	0	0	8	606
3582	1	43	1	13	2	5	7	156	57	2069
3583	332	101	221	102	72	80	710	402	2268	886
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	59	1499	2	28	81	1847	99	2120
3587	0	0	0	0	1	13	7	18	129	1227
3588	3	282	2	73	0	0	2	95	69	2767
3589	0	0	122	3599	9	226	32	1215	21	314
3591	1	63	0	0	0	0	8	172	14	96
3592	9	123	79	701	2	108	40	1212	210	3288
3593	0	0	0	0	1	186	3	308	1	24
3594	4	49	0	0	0	0	5	283	16	4583
3595	0	0	0	0	6	46	8	263	15	223
3596	0	0	5	36	7	697	9	2012	52	8030
3597	0	0	2	1295	0	0	0	0	21	2525
3598	0	0	11	1426	0	0	2	10	17	810
3599	11	266	93	1018	6	226	41	1606	264	7931
FMM YTD	361	927	595	9763	108	1615	955	9599	3261	37498
TOT YTD	4623	7518	1406	12746	869	4101	6353	36907	11885	129809

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	10	860
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	6	1570
3404	2	172	0	0	1	117	8	882	0	0
3406	0	0	0	0	0	0	0	0	1	212
3409	0	0	0	0	1	54	2	222	1	138
3411	1	623	0	0	1	125	12	956	5	1980
3412	0	0	0	0	0	0	0	0	38	5544
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	2	365	0	0
3418	0	0	0	0	3	341	0	0	0	0
3419	1	101	0	0	2	299	0	0	9	3370
3422	0	0	0	0	0	0	0	0	1	250
3423	0	0	0	0	1	8	0	0	0	0
3328	3	349	0	0	3	212	0	0	0	0
3329	0	0	0	0	0	0	5	88	4	470
3334	0	0	37	186	20	313	0	0	0	0
3336	0	0	0	0	1	5	17	94	1	5
3342	2	267	5	30	30	486	39	175	32	3884
3464	2	889	0	0	94	1218	6	164	5	3384
3466	0	0	0	0	1	11	0	0	0	0
3467	0	0	0	0	1588	8874	1	23	0	0
3468	0	0	0	0	21	131	4	136	0	0
3469	1	8	0	0	114	1919	9	646	89	1992
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	5	62	0	0	4	423	0	0	16	2864
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	8
3508	0	0	0	0	0	0	2	132	6	1227
3510	0	0	0	0	0	0	0	0	6	398
3512	0	0	0	0	29	933	1	4	1	112
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	1	3	2	409
3515	0	0	0	0	2	15	0	0	18	498
3516	0	0	0	0	0	0	0	0	4	780
3518	0	0	0	0	3	19	3	315	17	394
3505	0	0	0	0	1	15	2	294	9	1627
3519	0	0	0	0	0	0	5	975	38	9472
3522	1	132	0	0	22	713	1	10	15	621
3527	69	457	0	0	2	230	6	228	57	5355
3528	0	0	0	0	0	0	0	0	1	163
3529	5	51	0	0	2	28	1	3	81	1355
3533	2	9	0	0	0	0	2	104	5	215
3539	2	851	0	0	0	0	0	0	2	240
3541	1	105	0	0	0	0	0	0	8	91
3543	8	108	0	0	11	422	1	3	19	2118
3546	0	0	0	0	0	0	1	246	16	2388
3554	9	41	0	0	2	10	14	1249	66	4027
3556	0	0	0	0	0	0	0	0	3	359
3558	13	204	0	0	0	0	0	0	18	4317
3559	237	9260	0	0	5	115	21	1131	94	4653
3562	0	0	0	0	0	0	0	0	229	20597
3564	0	0	0	0	3	52	0	0	78	3371
3567	0	0	0	0	0	0	2	535	0	0
3571	0	0	0	0	0	0	0	0	3	245
3576	2	580	0	0	3	86	0	0	15	1052
3577	23	142	3	42	5	88	6	77	27	1347
3578	0	0	0	0	0	0	1	7	0	0
3579	114	1296	11	166	33	280	15	267	24	1451
4000	10	154	0	0	134	1245	76	211	48	679
5000	1124	1284	268	297	350	575	2493	1487	1887	529
CUT YTD	1637	17143	324	721	2492	19361	2759	11031	3016	96620
3010	0	0	0	0	2	9	0	0	12	658
3582	14	61	0	0	2	19	10	85	28	455
3583	495	228	23	32	92	31	315	348	703	336
3584	0	0	0	0	0	0	0	0	53	6457
3586	7	111	46	743	134	1092	7	117	3	43
3587	2	21	3	43	56	490	84	1109	12	584
3588	3	45	0	0	0	0	3	128	18	1151
3589	10	362	38	556	16	131	14	845	3	167
3591	0	0	0	0	0	0	102	1640	0	0
3592	11	286	4	292	21	258	51	829	38	2401
3593	0	0	0	0	0	0	0	0	1	24
3594	0	0	0	0	1	149	0	0	3	841
3595	0	0	0	0	0	0	9	725	0	0
3596	0	0	0	0	33	1118	18	2794	13	1212
3597	0	0	0	0	0	0	0	0	2	743
3598	0	0	0	0	1	18	0	0	3	392
3599	100	1398	0	0	42	402	22	2980	62	3197
FRM YTD	642	2511	114	1666	400	3716	635	11601	954	18660
TOT YTD	2279	19655	438	2387	2892	23077	3394	22631	3970	115280

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZI	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	3	112	42	7434	0	0	0	0	0	0
3035	1	71	3	597	0	0	0	0	0	0
3045	4	119	7	1172	0	0	1	19	0	0
3404	28	1723	6	504	0	0	0	0	0	0
3406	6	551	3	264	0	0	0	0	0	0
3409	52	2879	42	3939	0	0	0	0	0	0
3411	20	1111	120	17949	0	0	5	402	1	120
3412	2	112	27	20673	0	0	4	1224	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	14	6162	0	0	0	0	8	210
3419	6	194	187	12319	8	455	1	41	0	0
3422	0	0	7	413	1	13	0	0	0	0
3423	24	486	18	713	0	0	10	48	0	0
3328	1	103	34	2560	0	0	2	480	0	0
3329	0	0	12	2524	0	0	3	498	0	0
3334	1	63	0	0	4	29	1	4	3	19
3336	11	33	22	178	0	0	0	0	0	0
3342	133	3290	75	3709	0	0	26	372	0	0
3464	225	6985	59	13998	0	0	0	0	0	0
3466	2	14	10	83	0	0	0	0	0	0
3467	200	3461	2	90	0	0	12	427	0	0
3468	108	1092	17	1453	0	0	1	12	0	0
3469	47	889	125	6452	0	0	12	68	0	0
3476	0	0	3	511	0	0	0	0	0	0
3477	4	19	111	1969	0	0	2	35	0	0
3481	1	156	0	0	0	0	0	0	0	0
3483	19	752	116	4062	2	97	50	2382	0	0
3504	1	3	7	1444	0	0	1	43	0	0
3506	348	3743	48	6557	0	0	0	0	43	422
3508	38	2547	55	7510	0	0	0	0	8	107
3510	43	411	47	6609	0	0	5	403	0	0
3512	559	5103	2	543	344	2613	5	205	265	1848
3513	0	0	8	888	0	0	0	0	0	0
3514	11	293	9	3350	0	0	0	0	0	0
3515	1	10	11	705	0	0	0	0	0	0
3516	3	436	13	1847	0	0	0	0	0	0
3518	11	259	27	3122	0	0	1	8	0	0
3505	3	289	5	2476	0	0	0	0	0	0
3519	1	50	27	1914	0	0	5	146	3	38
3522	146	3262	61	5469	12	162	40	1140	214	991
3527	8	189	119	9631	0	0	5	834	0	0
3528	0	0	27	1743	0	0	0	0	0	0
3529	165	1924	514	11181	4	17	41	676	15	60
3533	64	827	89	9414	0	0	2	8	0	0
3539	9	2069	16	3563	0	0	1	22	0	0
3541	1	55	26	688	0	0	0	0	0	0
3543	65	5859	136	5420	85	470	89	533	0	0
3546	11	2440	38	3511	0	0	0	0	0	0
3554	18	303	580	10736	0	0	1	3	0	0
3556	3	33	26	2421	0	0	0	0	0	0
3558	15	237	35	1583	0	0	0	0	0	0
3559	188	5289	514	23807	0	0	83	2927	0	0
3562	0	0	1	105	0	0	0	0	0	0
3564	18	1672	19	1916	0	0	0	0	12	106
3567	7	1592	4	163	0	0	0	0	0	0
3571	39	857	54	2089	0	0	4	26	0	0
3576	2	34	21	1436	0	0	0	0	0	0
3577	301	1725	460	8268	6	60	149	1516	0	0
3578	18	168	55	1411	0	0	0	0	0	0
3579	86	3764	236	7462	1	6	255	3952	0	0
4000	2053	4971	557	5092	5	64	130	2024	14	107
5000	9534	2796	137122	15824	118	232	5863	2830	284	184
CUT YTD	14660	77426	142031	279622	590	4237	6810	23306	870	4211
1010	13	212	62	1210	0	0	466	3794	2	31
3582	55	657	77	923	0	0	59	666	0	0
3583	445	427	5908	2186	0	0	400	261	2	4
3584	1	54	37	6561	0	0	0	0	0	0
3586	116	1389	80	1526	0	0	47	1045	0	0
3587	20	533	244	3994	0	0	53	396	0	0
3588	4	316	18	1083	0	0	22	391	0	0
3589	28	236	13	336	0	0	126	2678	0	0
3591	3	21	3	26	0	0	3	144	0	0
3592	66	2613	191	7893	0	0	342	4074	0	0
3593	1	20	37	3995	0	0	1	53	0	0
3594	6	154	68	9136	0	0	11	104	14	9888
3595	7	151	9	528	0	0	11	332	5	4965
3596	70	5590	136	11553	3	299	40	2213	0	0
3597	5	307	36	732	0	0	0	0	0	0
3598	6	1077	61	5483	0	0	9	366	0	0
3599	159	9562	587	31122	0	0	348	13124	15	65
FRM YTD	1005	23317	7567	88287	3	299	1938	29638	38	14952
TOT YTD	15665	100743	149598	367909	593	4536	8748	52944	908	19163

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP		SINGAPORE	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	9	441	5	131	0	0
3035	0	0	0	0	1	95	0	0	0	0
3045	0	0	1	31	0	0	0	0	0	0
3404	0	0	0	0	1987	160776	2	98	12	606
3406	0	0	0	0	276	27955	0	0	0	0
3409	0	0	0	0	562	70753	0	0	0	0
3411	0	0	0	0	436	39400	1	57	3	149
3412	2	177	0	0	3	1700	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	5	972	0	0	0	0
3418	0	0	0	0	18	3494	0	0	0	0
3419	0	0	0	0	2	376	0	0	0	0
3422	0	0	0	0	7	451	2	132	0	0
3423	1	10	0	0	12	894	0	0	0	0
3328	0	0	0	0	77	5898	0	0	0	0
3329	0	0	0	0	32	1119	0	0	0	0
3334	11	50	0	0	49	693	1	4	0	0
3336	1	4	0	0	1	27	0	0	0	0
3342	3	17	0	0	87	4595	0	0	1	62
3464	1	15	0	0	148	16777	0	0	0	0
3466	0	0	0	0	2	578	0	0	0	0
3467	0	0	0	0	4	78	0	0	0	0
3468	0	0	0	0	43	1603	2	20	0	0
3469	74	353	0	0	85	6024	2	23	0	0
3476	0	0	0	0	18	1922	0	0	0	0
3477	0	0	0	0	25	1434	0	0	0	0
3481	0	0	0	0	19	2313	0	0	0	0
3483	0	0	0	0	24	611	0	0	0	0
3504	0	0	0	0	24	2401	0	0	0	0
3506	10	66	0	0	2391	136922	271	5626	50	542
3508	2	35	0	0	724	50460	24	719	0	0
3510	9	35	0	0	170	15958	0	0	0	0
3512	24	304	0	0	74	4864	301	1815	320	2862
3513	0	0	0	0	23	1020	0	0	0	0
3514	2	90	0	0	82	7434	2	59	0	0
3515	0	0	0	0	8	554	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	22	0	0	73	4409	8	164	0	0
3505	0	0	0	0	139	6578	2	98	0	0
3519	6	24	0	0	204	13186	6	368	0	0
3522	17	316	1	14	374	16998	31	846	0	0
3527	11	157	0	0	38	1209	0	0	12	204
3528	0	0	0	0	12	871	0	0	0	0
3529	0	0	0	0	163	2594	0	0	32	486
3533	1	14	0	0	42	3445	0	0	0	0
3539	0	0	0	0	16	1508	0	0	1	22
3541	0	0	0	0	116	2343	0	0	25	492
3543	3	23	0	0	373	7518	0	0	67	1149
3546	0	0	0	0	27	3792	0	0	0	0
3554	4	17	0	0	42	2687	0	0	0	0
3556	32	293	0	0	17	2099	10	98	0	0
3558	0	0	0	0	12	1294	3	19	0	0
3559	18	365	6	63	78	4174	9	34	2	23
3562	1	150	0	0	624	37279	0	0	0	0
3564	10	44	0	0	286	15683	0	0	0	0
3567	0	0	0	0	31	1797	0	0	0	0
3571	0	0	0	0	21	1920	0	0	0	0
3576	0	0	0	0	144	88201	0	0	0	0
3577	3	47	34	1844	553	12929	0	0	0	0
3578	0	0	0	0	1	26	0	0	0	0
3579	0	0	0	0	210	6345	1	5	11	192
4000	31	206	6	10	241	2349	39	117	2	4
5000	1938	483	147	8	134290	20947	580	405	303	106
CUT YTD	2215	3317	195	1970	145551	841771	1302	10839	841	6898
1010	0	0	0	0	115	20950	0	0	0	0
3582	0	0	1	40	155	2423	0	0	0	0
3583	264	10	0	0	4877	1776	14	14	24	47
3584	0	0	0	0	385	41702	0	0	0	0
3586	0	0	19	367	366	8893	0	0	3	40
3587	0	0	23	462	37	2790	1	5	7	191
3588	0	0	0	0	223	27313	0	0	0	0
3589	0	0	9	218	635	19143	0	0	0	0
3591	0	0	0	0	26	319	0	0	0	0
3592	0	0	0	0	157	9859	0	0	0	0
3593	0	0	0	0	14	17604	0	0	0	0
3594	0	0	0	0	229	33041	0	0	14	144
3595	1	23	0	0	10	412	1	43	2	22
3596	0	0	1	17	2422	131146	1	8	0	0
3597	0	0	0	0	42	2373	0	0	0	0
3598	0	0	0	0	4	241	0	0	0	0
3599	0	0	1	13	353	12796	1	3	1	3
FRM YTD	265	32	54	1116	10050	332781	18	73	51	448
TOT YTD	2480	3350	249	3086	155601	1174552	1320	10911	892	7346

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	4	169
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	174	6427	0	0	0	0
3406	42	2584	0	0	0	0
3409	55	2397	0	0	0	0
3411	155	5120	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	2	210	0	0	0	0
3419	27	1321	0	0	0	0
3422	0	0	0	0	5	425
3423	13	14	0	0	3	36
3328	19	833	0	0	0	0
3329	3	27	0	0	0	0
3334	96	501	0	0	7	110
3336	25	125	0	0	3	20
3342	96	1178	5	39	19	163
3464	163	3165	0	0	0	0
3466	2	119	0	0	0	0
3467	1720	6871	0	0	3	95
3468	131	1378	0	0	2	6
3469	1138	5297	0	0	21	100
3476	0	0	0	0	0	0
3477	3	14	0	0	0	0
3481	0	0	0	0	0	0
3483	1	3	0	0	6	671
3504	2	7	0	0	0	0
3506	539	3486	18	142	14	168
3508	49	271	0	0	0	0
3510	7	20	0	0	4	50
3512	1761	8718	22	88	103	1083
3513	81	1634	0	0	0	0
3514	19	65	0	0	0	0
3515	14	67	0	0	1	4
3516	0	0	0	0	0	0
3518	29	131	0	0	3	60
3505	4	65	0	0	4	243
3519	53	1948	1	39	5	255
3522	466	2534	1	11	166	1051
3527	20	79	0	0	3	191
3528	0	0	0	0	0	0
3529	178	838	0	0	5	114
3533	6	16	0	0	0	0
3539	3	61	0	0	0	0
3541	13	120	0	0	0	0
3543	655	3500	0	0	14	282
3546	0	0	0	0	2	46
3554	48	203	0	0	12	129
3556	3	14	2	79	1	15
3558	9	42	0	0	1	6
3559	64	417	0	0	36	311
3562	7	79	5	57	0	0
3564	57	509	2	105	0	0
3567	16	136	0	0	0	0
3571	68	288	0	0	4	13
3576	1	22	0	0	0	0
3577	238	1041	0	0	13	94
3578	0	0	0	0	0	0
3579	49	262	0	0	8	139
4000	1750	5324	2	13	90	1092
5000	546180	46658	457	144	2417	294
CUT YTD	556248	116136	515	717	2979	2435
1010	17	173	0	0	8	264
3582	6	52	2	2	22	276
3583	7774	1902	138	8	705	883
3584	0	0	0	0	7	578
3586	6	27	0	0	7	143
3587	1	5	0	0	3	159
3588	1	4	0	0	26	1509
3589	7	89	0	0	0	0
3591	2	15	1	34	39	260
3592	12	111	10	54	45	488
3593	0	0	0	0	1	165
3594	3	25	0	0	7	61
3595	0	0	0	0	0	0
3596	18	453	2	8	14	515
3597	0	0	0	0	0	0
3598	1	3	1	7	29	139
3599	31	278	3	246	20	668
FARM YTD	7879	3138	157	359	933	4107
TOT YTD	564127	119274	672	1076	3912	13542

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	1	2	2	46	3	48
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	66	497	2	14	68	510
EAST GERMANY	54	1094	117	682	171	1776
FINLAND	18	869	292	807	310	1675
GIBRALTAR	0	0	0	0	0	0
GREECE	2	56	0	0	2	56
HUNGARY	10	137	2	17	12	154
ICELAND	0	0	0	0	0	0
IRELAND	155	357	13	571	168	928
MALTA	0	0	0	0	0	0
NORWAY	43	166	10	609	53	774
POLAND	258	1496	0	0	258	1496
ROMANIA	6	58	0	0	6	58
USSR	6	231	0	0	6	231
OTHER EUROPE	0	0	0	0	0	0
TOTAL	619	4961	438	2745	1057	7706
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	12	47	0	0	12	47
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	9	275	0	0	9	275
FR W INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	1348	125	304	653	1652	778
NICARAGUA	0	0	0	0	0	0
N ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	1369	447	304	653	1673	1100
OTHER SOUTH AMERICA						
ARGENTINA	113	436	8	129	121	564
BOLIVIA	0	0	0	0	0	0
CHILE	1	35	0	0	1	35
COLOMBIA	0	0	0	0	0	0
ECUADOR	1	16	0	0	1	16
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S AM	0	0	0	0	0	0
TOTAL	115	487	8	129	123	616
OTHER OCEANIA						
FR PAC IS	3	88	0	0	3	88
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	40	153	64	2038	104	2191
SAMOA	0	0	0	0	0	0
TERR PAC IS	0	0	0	0	0	0
OTH PAC IS	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	43	241	64	2038	107	2279

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	1	5	0	0	1	5
BAHRAIN	5	65	0	0	5	65
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	352	195	5	114	357	308
INDIA	132	428	47	32	179	461
INDONESIA	2	26	0	0	2	26
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	4	10	0	0	4	10
MALAYSIA	4	46	9	55	13	101
NEPAL	1	6	0	0	1	6
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	4	119	0	0	4	119
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	280	17	0	0	280	17
TURKEY	0	0	1	38	1	38
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	18	27	18	27
TOTAL	785	917	80	266	865	1183
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	1	82	0	0	1	82
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	1	4	1	4
GHANA	4	29	2	2	6	31
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	26	194	0	0	26	194
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP S AFRICA	16	50	32	221	48	271
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	4	50	4	50
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	1	25	0	0	1	25
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	48	381	39	277	87	658

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)"0" - DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL UNITS	YTD $000
674	METAL CUTTING		
3020	Gear Hobbers & Shapers	91	8131
3045	Gear Cutting Machines, N.E.C.	90	20841
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	16	1589
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810
3209	Horizontal Machining Centers, ATC, NC	27	7637
3211	Machining Centers, NC, N.E.C.	80	7455
3216	Single Station and Multi-Station Transfer Machines	47	37400
3225	Way Type Machines (Unit Heads)	2	75
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	11	4471
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164
3247	Vertical Boring-Drilling-Milling Machines, NC	49	2588
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1287
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	36	3395
3254	Drilling Machines, NC	19	2013
3255	Drilling Machines, Multi-Spindle, Non-NC	48	8569
3256	Drilling Machines, Radial, Non-NC	27	498
3257	Drilling Machines, Upright, Single Spindle, Non-NC	13	234
3258	Drilling Machines, Non-NC, N.E.C.	173	4091
3264	Milling Machines, NC	33	9710
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	59	4665
3267	Milling Machines, Knee Type, Non-NC	8	511
3268	Milling Machines, Bed Type, Non-NC	16	3261
3269	Milling Machines, Non-NC, N.E.C.	111	7055
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	346	21939
3281	Boring Machines, NC, N.E.C.	6	1728
3283	Boring Machines, Non-NC, N.E.C.	83	4769
3503	Horizontal Lathes, Multi-Spindle, NC	7	897
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	130	9829
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	22	3278
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	1489
3510	Horizontal Engine & Toolroom Lathes, Non-NC	68	1154
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	11	1878
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	14	620
3515	Automatic Bar Machines, Single-Spindle, Non-NC	28	1066
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	1214
3518	Horizontal Lathes, Non-NC, N.E.C.	1426	21775
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	13	3582
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	31	3275
3525	Vertical Lathes, Excl. VTLs, Non-NC	146	8911
3528	Grinding, Polishing, Honing & Lapping Machines, NC	86	10409
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	54	6650
3531	Tool & Cutter Grinding Machines, Non-NC	170	5306
3532	Honing & Lapping Machines, Non-NC	243	8822
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	58	1415
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	194	15281
3541	External Grinding Machines, Non-NC	28	2981
3542	Internal Grinding Machines, Non-NC	11	2190
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	160	8097
3546	Grinding Machines, Non-NC, N.E.C.	214	5883
3547	Traveling Wire Electrical Discharge Machines	8	447
3549	All Other Electrical Discharge Machines	97	2025
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	15	1511
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	35	1120
3559	Metal Cutting Machine Tools, NC, N.E.C.	19	1213
3565	Sawing & Cut-Off Machines, Non-NC	438	8435
3566	Broaching Machines, Non-NC	10	592
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	188	7026
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3485	36115
5000	Metal Cutting Machine Tools, Less Than $2500**	36169	13023
	TOTAL CUTTING	44998	371265
674	METAL FORMING		
1011	Die Cast Machines & Parts	0	18351
3568	Metal Forming Machine Tools, Used Or Rebuilt	938	7599
3569	Metal Forming Machine Tools, Less Than $2500	4106	2764
3571	Punching & Shearing Machines, Incl. Combination, NC	40	4415
3573	Shearing Machines, Non-NC	64	1464
3575	Punching & Combination Punching & Shearing Machines, Non-NC	466	15966
3578	Bending, Folding, Straightening & Flattening Machines, NC	119	5961
3582	Press Brakes, Non-NC	96	4154
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	19	1357
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	473	22424
3588	Mechanical Presses, Non-NC	165	14843
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	47	8704
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	703	39917
3594	Headers & Upsetters, Non-NC	70	11487
3595	Forging Machines, Non-NC, N.E.C.	94	8169
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	688	51450
	TOTAL FORMING	8088	219059
	TOTAL ALL TYPES	53086	590324

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	13	0	0	0	0	0	0
3045	0	0	2	226	0	0	0	0	0	0
3204	0	0	4	562	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	46	0	0	0	0	6	24	4	96
3254	0	0	2	64	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	1	6	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	14	310	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	56	0	0	0	0	10	307	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	4	44	0	0	0	0	1	120	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	293	18821	0	0	1	195	0	0
3281	0	0	0	0	1	30	0	0	0	0
3283	0	0	0	0	1	20	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	80	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	1	90	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	24	3	30
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	73	1	41	1	29	14	977	3	206
3528	0	0	1	235	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	1	36	0	0	1	42	0	0
3532	0	0	0	0	0	0	12	185	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	1	115	5	60	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	204	1	239
3544	3	31	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	2	94	1	3
3547	0	0	0	0	0	0	1	28	0	0
3549	0	0	0	0	0	0	2	6	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	4	105	1	10	0	0	5	313	1	4
3566	0	0	2	10	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	3	88
4000	4	83	28	334	2	19	48	1245	8	247
5000	11	2	615	561	0	0	2647	345	14	19
CUT YTD	28	440	952	20921	6	213	2773	4565	38	932
1011	0	99	0	35	0	1	0	962	0	25
3568	4	43	13	215	2	55	1	7	9	59
3569	0	0	29	20	1	2	168	64	40	9
3571	0	0	0	0	0	0	0	0	0	0
3573	2	55	0	0	0	0	6	19	0	0
3575	0	0	0	0	2	25	7	532	0	0
3578	0	0	0	0	0	0	3	216	9	115
3582	0	0	55	2053	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	2	110	13	3102	3	170
3588	3	153	3	50	0	0	0	0	1	107
3589	0	0	0	0	0	0	6	216	1	225
3590	0	0	0	0	0	0	2	637	2	228
3594	0	0	1	118	0	0	0	0	1	147
3595	1	18	0	0	0	0	2	26	0	0
3598	2	278	11	124	0	0	15	287	4	156
FRM YTD	12	666	112	2614	9	192	223	6067	70	1241
TOT YTD	40	1106	1064	23535	15	405	2996	10632	108	2173

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

674	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	137	0	0	0	0	0	0	3	473
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	70	0	0	0	0	1	439
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	4	992	1	475
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	1	59
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	3	199	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	213	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	2	26	0	0	0	0	0	0	0	0
3269	4	81	12	285	0	0	0	0	1	17
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	22	315	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	7	107	0	0	0	0	0	0	8	525
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	2	73	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	889	0	0	0	0	0	0	405	72
3521	1	597	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	87	1	16	0	0	0	0	2	65
3528	0	0	0	0	0	0	0	0	0	0
3529	3	71	1	157	1	146	0	0	0	0
3531	2	514	0	0	0	0	0	0	0	0
3532	4	141	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	793	0	0	0	0	1	460	2	417
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	5	620	0	0	0	0	0	0	0	0
3546	1	34	0	0	0	0	1	50	1	3
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	231	0	0	2	42
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	2	262	0	0	0	0	0	0	0	0
3565	1	11	5	179	0	0	1	12	1	113
3566	0	0	0	0	0	0	0	0	0	0
3567	8	104	0	0	0	0	0	0	0	0
4000	96	1614	26	1232	5	34	40	223	17	137
5000	682	153	208	158	0	0	1062	180	72	97
CUT YTD	834	6652	276	2411	7	410	1111	1988	517	2932
1011	0	1365	0	65	0	0	0	13	0	93
3568	7	838	18	121	1	6	0	0	0	0
3569	0	0	34	19	5	4	6	3	14	6
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	28
3575	6	116	5	98	0	0	2	180	1	14
3578	0	0	1	113	0	0	2	215	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	2	159	0	0	0	0	0	0	0	0
3584	16	474	1	112	0	0	13	450	2	73
3588	4	552	0	0	0	0	1	88	1	59
3589	0	0	0	0	0	0	1	20	0	0
3590	1	28	4	189	0	0	0	0	4	1625
3594	2	594	1	295	0	0	1	172	0	0
3595	2	151	0	0	2	297	0	0	2	125
3598	16	5846	6	106	0	0	2	32	32	839
FRM YTD	56	10122	70	1118	8	307	28	1172	57	2861
TOT YTD	890	16774	346	3529	15	717	1139	3161	574	5793

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	18	3	303	0	0	15	2200	0	0
3045	0	0	1	125	0	0	8	3326	0	0
3204	0	0	3	487	0	0	1	26	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	2	626	2	1051	0	0	2	279	0	0
3211	1	160	7	479	0	0	3	19	0	0
3216	0	0	17	19157	0	0	2	605	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	429	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	147	0	0	0	0	0	0
3248	0	0	0	0	0	0	6	630	0	0
3249	0	0	1	15	0	0	1	508	0	0
3254	0	0	0	0	0	0	4	700	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	3	21	0	0	0	0	0	0
3257	0	0	0	0	1	3	0	0	0	0
3258	11	237	6	131	0	0	4	115	0	0
3264	1	118	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	3	210	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	1	58	0	0	0	0	0	0	0	0
3277	0	0	2	150	0	0	4	73	0	0
3281	0	0	0	0	0	0	1	51	0	0
3283	3	131	2	116	0	0	9	322	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	57	3658	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	198	0	0	0	0	0	0
3510	0	0	6	18	0	0	2	24	0	0
3511	0	0	2	179	0	0	2	1039	0	0
3512	2	71	0	0	0	0	9	393	0	0
3515	0	0	0	0	0	0	2	349	0	0
3516	0	0	3	60	0	0	0	0	0	0
3518	2	28	25	550	0	0	1	9	0	0
3521	0	0	1	69	0	0	4	753	0	0
3523	1	47	0	0	0	0	0	0	0	0
3525	0	0	10	572	0	0	9	1277	1	36
3528	6	421	6	432	0	0	1	156	6	570
3529	0	0	2	213	1	193	12	2260	0	0
3531	0	0	11	742	0	0	7	511	0	0
3532	32	405	8	1341	0	0	82	869	0	0
3533	2	24	0	0	0	0	0	0	0	0
3538	2	252	4	200	3	822	2	100	0	0
3541	0	0	2	66	0	0	1	27	0	0
3542	0	0	1	172	0	0	0	0	0	0
3544	4	433	3	26	0	0	9	541	2	295
3546	1	10	19	551	2	8	5	1001	0	0
3547	0	0	0	0	0	0	2	63	0	0
3549	0	0	5	95	0	0	1	20	0	0
3551	0	0	3	246	0	0	1	32	0	0
3553	1	36	1	40	0	0	0	0	0	0
3559	1	213	0	0	0	0	1	213	0	0
3565	3	593	23	841	0	0	11	171	0	0
3566	0	0	1	19	0	0	0	0	0	0
3567	2	81	13	1016	0	0	6	248	0	0
4000	192	429	90	815	0	0	45	1083	6	156
5000	1607	295	2621	1114	0	0	1405	737	41	76
CUT YTD	1881	4893	2967	35843	7	1027	1680	20907	56	1133
1011	0	491	0	493	0	0	0	1157	0	0
3568	1	20	14	107	0	0	15	120	0	0
3569	29	12	46	20	0	0	211	111	0	0
3571	0	0	1	134	0	0	4	502	0	0
3573	1	19	5	85	0	0	6	190	0	0
3575	3	32	28	1101	0	0	55	1436	0	0
3578	1	97	0	0	0	0	4	625	0	0
3582	0	0	0	0	0	0	3	110	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	468	23	446	1	240	35	1457	0	0
3588	0	0	9	508	0	0	3	320	0	0
3589	0	0	0	0	0	0	3	478	0	0
3590	1	11	9	1077	0	0	33	3597	0	0
3594	2	165	1	50	0	0	14	3647	0	0
3595	0	0	7	128	0	0	6	884	0	0
3598	4	158	95	3303	0	0	25	1441	3	482
FRM YTD	45	1474	238	7450	1	240	417	16073	3	482
TOT YTD	1926	6367	3205	43293	8	1266	2097	36980	59	1615

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	OTH EUROPE		CANADA		MEXICO		OTH N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	162	14	819	14	290	3	137	0	0
3045	0	0	3	320	5	396	0	0	0	0
3204	0	0	4	233	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	5	1693	2	134	0	0	0	0
3211	1	47	17	1417	17	1228	2	38	1	19
3216	0	0	6	1988	5	2922	0	0	0	0
3225	0	0	0	0	0	0	1	52	0	0
3245	0	0	1	226	0	0	0	0	0	0
3246	0	0	2	164	0	0	0	0	0	0
3247	0	0	15	313	13	530	0	0	0	0
3248	0	0	2	211	2	386	0	0	0	0
3249	0	0	6	592	3	35	0	0	0	0
3254	0	0	1	222	1	45	0	0	0	0
3255	0	0	17	1169	16	5033	0	0	0	0
3256	2	32	0	0	5	61	0	0	0	0
3257	0	0	1	3	4	157	0	0	0	0
3258	0	0	36	586	42	1023	11	76	0	0
3264	0	0	5	1381	5	1212	0	0	0	0
3266	0	0	7	1003	26	386	2	12	0	0
3267	0	0	4	246	0	0	0	0	0	0
3268	0	0	3	150	0	0	1	84	0	0
3269	0	0	8	475	55	4289	0	0	1	225
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	4	72	9	537	0	0	0	0
3281	0	0	0	0	3	1431	0	0	0	0
3283	1	70	0	0	23	2620	2	30	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	47	4029	4	323	0	0	0	0
3507	0	0	8	1211	0	0	0	0	0	0
3509	0	0	7	679	0	0	0	0	0	0
3510	0	0	24	275	9	135	2	10	0	0
3511	0	0	2	63	1	84	0	0	0	0
3512	0	0	1	42	0	0	0	0	1	16
3515	0	0	13	191	7	49	0	0	0	0
3516	0	0	14	784	4	152	0	0	0	0
3518	0	0	59	1427	780	14037	10	81	2	142
3521	0	0	4	1086	0	0	0	0	0	0
3523	0	0	3	300	15	1372	2	45	0	0
3525	0	0	7	733	49	1881	2	185	0	0
3528	0	0	37	2039	6	250	0	0	0	0
3529	0	0	7	1010	5	110	0	0	0	0
3531	0	0	67	638	46	1085	2	12	0	0
3532	0	0	43	1667	20	768	2	21	0	0
3533	0	0	30	498	6	131	3	17	0	0
3538	3	136	7	280	51	2106	7	98	0	0
3541	0	0	11	838	1	51	1	79	0	0
3542	0	0	1	263	1	15	0	0	0	0
3544	1	4	73	947	13	453	0	0	3	37
3546	1	4	61	505	31	379	3	51	0	0
3547	0	0	3	281	1	13	0	0	0	0
3549	2	15	6	272	26	457	0	0	18	47
3551	1	45	3	793	0	0	0	0	0	0
3553	0	0	3	78	14	405	0	0	0	0
3559	3	62	7	228	0	0	0	0	0	0
3565	1	8	113	1168	189	2653	4	75	0	0
3566	0	0	4	227	2	323	0	0	0	0
3567	1	20	32	490	66	2349	2	62	1	172
4000	28	1311	590	3914	1344	10421	87	419	8	66
5000	468	134	6435	3335	1364	1041	481	143	266	59
CUT YTD	516	2051	7883	43567	4305	63755	630	1727	301	782
1011	0	218	0	4584	0	5481	0	71	0	0
3568	0	0	31	492	713	1975	19	104	0	0
3569	23	12	1875	1195	629	729	32	19	10	4
3571	0	0	20	2732	0	0	1	128	0	0
3573	0	0	13	378	18	468	2	17	0	0
3575	0	0	104	4173	94	2635	2	8	0	0
3578	1	559	6	159	10	496	1	19	0	0
3582	0	0	18	1066	2	250	0	0	0	0
3583	4	125	4	116	2	50	0	0	0	0
3584	16	357	124	5495	105	3279	4	46	1	229
3588	0	0	14	2989	55	3144	3	44	1	33
3589	0	0	11	1276	17	510	0	0	0	0
3590	2	226	84	9204	335	9022	4	65	0	0
3594	0	0	5	650	4	112	0	0	0	0
3595	2	68	36	774	5	75	2	15	0	0
3598	1	126	138	6131	112	1893	8	79	2	118
FRM YTD	49	1691	2483	41415	2101	30118	78	614	14	383
TOT YTD	565	3742	10366	84982	6406	93873	708	2340	315	1166

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	20	2056
3045	3	1104	0	0	0	0	0	0	27	5989
3204	0	0	1	16	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	4	2163	0	0	0	0	0	0	0	0
3211	1	202	0	0	2	353	6	620	3	516
3216	0	0	0	0	1	138	0	0	3	4490
3225	0	0	0	0	0	0	0	0	0	0
3245	2	623	0	0	0	0	0	0	3	1620
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	1167	3	231	0	0	0	0	2	234
3254	0	0	0	0	0	0	0	0	5	233
3255	5	622	0	0	0	0	0	0	1	1250
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	4	15	0	0	0	0	0	0
3258	2	340	1	8	1	3	19	187	0	0
3264	9	2753	0	0	3	100	0	0	4	1898
3266	0	0	0	0	0	0	0	0	2	704
3267	0	0	0	0	0	0	0	0	0	0
3268	1	1800	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	2	52	9	1209
3276	0	0	0	0	0	0	0	0	2	2529
3277	0	0	1	17	0	0	0	0	1	770
3281	0	0	0	0	1	216	0	0	0	0
3283	1	7	4	62	2	57	4	100	0	0
3503	1	83	0	0	1	76	0	0	0	0
3505	0	0	2	161	0	0	0	0	4	496
3507	0	0	0	0	0	0	1	147	4	551
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	1	12	1	27	1	39
3511	0	0	1	105	0	0	0	0	1	135
3512	0	0	0	0	1	99	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	90	0	0	3	9	6	76
3521	0	0	0	0	0	0	0	0	0	0
3523	1	659	0	0	0	0	0	0	1	28
3525	2	57	0	0	1	60	1	152	4	65
3528	0	0	0	0	0	0	0	0	6	2468
3529	0	0	0	0	0	0	0	0	10	492
3531	4	291	2	483	0	0	0	0	3	216
3532	0	0	0	0	0	0	1	5	11	1599
3533	0	0	0	0	0	0	0	0	0	0
3538	8	660	0	0	0	0	3	24	5	1035
3541	1	329	0	0	0	0	0	0	0	0
3542	2	630	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	18	2781
3546	11	159	4	72	9	79	0	0	16	540
3547	0	0	0	0	1	63	0	0	0	0
3549	0	0	0	0	0	0	1	24	5	52
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	21	1	18	0	0
3559	0	0	0	0	0	0	0	0	1	135
3565	0	0	0	0	0	0	2	15	6	219
3566	0	0	0	0	0	0	1	13	0	0
3567	0	0	0	0	2	21	0	0	2	22
4000	39	585	16	151	67	2022	29	118	3	220
5000	115	32	65	84	1188	273	400	138	466	110
CUT YTD	213	14266	105	1494	1282	3593	475	1647	655	34775
1011	0	116	0	47	0	314	0	44	0	471
3568	1	25	2	54	2	33	3	63	1	18
3569	14	13	28	50	37	21	26	12	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	2	6	0	0
3575	2	16	0	0	17	927	3	61	7	548
3578	0	0	0	0	56	970	1	13	2	189
3582	0	0	1	12	0	0	0	0	0	0
3583	2	231	0	0	0	0	0	0	0	0
3584	8	339	1	35	4	292	2	31	1	236
3588	3	528	0	0	1	39	2	51	1	245
3589	0	0	0	0	0	0	0	0	5	826
3590	3	3	0	0	3	187	5	217	1	182
3594	2	215	1	11	1	21	1	12	17	419
3595	0	0	2	78	0	0	1	11	3	510
3598	3	448	2	7	1	65	6	1040	66	12041
FRM YTD	38	2256	37	293	122	2868	52	1562	104	15684
TOT YTD	251	16521	142	1788	1404	6461.	527	3209	759	50459

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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674	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	2	426	0	0	8	706	0	0
3045	0	0	6	2020	0	0	28	6227	2	458
3204	2	206	0	0	0	0	1	60	0	0
3206	0	0	0	0	1	119	1	122	6	3570
3209	0	0	0	0	0	0	3	345	0	0
3211	0	0	0	0	0	0	3	124	0	0
3216	0	0	0	0	0	0	0	0	6	6054
3225	0	0	0	0	0	0	1	23	0	0
3245	1	250	0	0	0	0	1	245	1	490
3246	0	0	0	0	0	0	0	0	0	0
3247	5	161	0	0	0	0	14	1122	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	1	48	1	100	1	11
3254	0	0	1	105	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	4	143
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	2	39
3258	0	0	0	0	3	26	5	305	0	0
3264	0	0	0	0	0	0	2	564	1	1329
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	1	55	0	0	0	0
3268	0	0	0	0	0	0	6	485	0	0
3269	1	17	0	0	0	0	3	98	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	1	149
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	3	119	4	114	3	65
3503	0	0	2	557	0	0	2	124	1	58
3505	2	211	0	0	0	0	5	443	7	300
3507	0	0	0	0	0	0	4	769	1	282
3509	0	0	0	0	0	0	1	612	0	0
3510	0	0	0	0	0	0	11	347	0	0
3511	0	0	0	0	0	0	2	273	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	327	0	0	0	0	0	0
3516	0	0	0	0	0	0	2	129	0	0
3518	0	0	1	247	5	373	83	1513	20	1996
3521	0	0	0	0	0	0	1	329	0	0
3523	0	0	0	0	0	0	0	0	1	509
3525	0	0	1	18	0	0	21	1525	0	0
3528	2	151	0	0	1	274	14	3414	0	0
3529	0	0	1	186	0	0	6	1302	1	308
3531	10	89	0	0	1	36	2	305	0	0
3532	8	151	0	0	0	0	11	1252	3	38
3533	2	55	0	0	0	0	10	379	5	312
3538	2	40	9	407	2	693	57	4196	1	11
3541	1	30	3	777	0	0	5	596	0	0
3542	0	0	1	254	0	0	2	186	1	228
3544	1	174	1	177	1	44	8	684	10	540
3546	0	0	2	153	1	5	9	1292	5	429
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	4	0	0	15	334	2	12
3551	0	0	0	0	0	0	4	163	0	0
3553	0	0	0	0	0	0	8	329	2	124
3559	3	65	0	0	0	0	0	0	0	0
3565	2	52	3	65	3	140	21	991	7	69
3566	0	0	0	0	0	0	0	0	0	0
3567	1	4	0	0	0	0	1	5	10	1156
4000	4	15	217	1931	20	199	73	2450	30	368
5000	1067	248	306	52	1496	246	5788	1212	989	169
CUT YTD	1114	1918	560	7705	1539	2375	6247	35790	1123	19219
1011	0	46	0	211	0	44	0	254	0	641
3568	3	41	0	0	0	0	5	496	6	69
3569	15	11	41	37	82	32	22	39	19	13
3571	1	42	0	0	1	332	10	376	0	0
3573	0	0	0	0	2	62	0	0	2	29
3575	6	56	0	0	3	554	6	199	4	279
3578	0	0	1	280	0	0	5	822	2	534
3582	1	25	0	0	0	0	0	0	13	471
3583	0	0	0	0	0	0	0	0	0	0
3584	1	4	3	236	2	273	19	697	12	574
3588	0	0	1	52	1	54	6	607	9	764
3589	0	0	0	0	0	0	0	0	0	0
3590	1	47	4	193	5	1201	149	3032	20	2418
3594	0	0	0	0	0	0	13	4210	2	220
3595	0	0	1	77	0	0	13	2470	2	2275
3598	1	4	2	1084	2	46	65	3158	21	3927
TRM YTD	29	277	53	2169	98	2597	313	16359	112	12213
TOT YTD	1143	2194	613	9875	1637	4972	6560	52149	1235	31432

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	1	20
3045	1	192	0	0	0	0	0	0	1	61
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	7	392	1	150
3216	2	581	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	1	60
3249	0	0	0	0	0	0	1	137	0	0
3254	0	0	0	0	0	0	1	293	3	293
3255	0	0	0	0	0	0	1	275	4	77
3256	0	0	0	0	0	0	3	27	0	0
3257	0	0	0	0	1	18	0	0	0	0
3258	0	0	0	0	0	0	1	30	2	110
3264	0	0	0	0	0	0	0	0	1	112
3266	0	0	0	0	0	0	0	0	9	968
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	1	27	1	640
3269	0	0	0	0	0	0	0	0	5	35
3276	0	0	0	0	0	0	1	213	0	0
3277	0	0	0	0	0	0	1	46	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	2	196	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	127
3507	0	0	0	0	0	0	4	320	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	6	180	0	0	0	0	0	0	1	17
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	76	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	4	20	6	87
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	2	142	0	0
3525	0	0	2	200	0	0	0	0	1	42
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	22	2	43
3532	0	0	0	0	0	0	1	173	1	64
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	2	17	8	983	2	46
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	10	0	0	0	0	1	4
3546	0	0	0	0	0	0	0	0	3	96
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	2	160	0	0	0	0
3551	2	193	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	35	0	0
3565	0	0	0	0	2	49	3	12	1	41
3566	0	0	0	0	0	0	0	0	0	0
3567	1	401	0	0	0	0	0	0	3	306
4000	9	308	6	47	17	50	11	1414	89	574
5000	14	15	100	13	127	96	428	244	539	97
CUT YTD	35	1859	109	270	151	389	483	5075	679	4067
1011	0	0	0	18	0	0	0	235	0	43
3568	0	0	0	0	7	198	11	451	28	1689
3569	0	0	7	7	0	0	61	36	5	5
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	1	4	0	0	0	0
3575	0	0	17	206	1	10	30	1369	16	325
3578	0	0	0	0	0	0	1	37	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	16	2	82	9	261	8	257
3588	0	0	0	0	16	2224	5	488	12	947
3589	0	0	0	0	0	0	0	0	1	65
3590	0	0	1	7	8	173	0	0	2	2500
3594	0	0	0	0	1	431	0	0	0	0
3595	0	0	0	0	0	0	3	77	1	79
3598	0	0	1	20	14	5727	6	50	14	1704
FWM YTD	0	0	27	273	50	8849	126	3003	87	7614
TOT YTD	35	1859	136	543	201	9238	609	8077	766	11681

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

674:	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	372	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	5	837	0	0	0	0	0	0	0	0
3211	6	1221	0	0	2	290	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	1	588	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	316	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	2	48	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	13	351	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	7	357	5	51	0	0	0	0
3264	1	152	0	0	0	0	0	0	0	0
3266	0	0	1	1019	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	10	0	0	0	0	0	0
3276	11	3014	0	0	0	0	0	0	0	0
3277	6	733	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	25	1	11	1	15	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	3	61	0	0	1	8	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	56	0	0	2	9	0	0	0	0
3521	0	0	0	0	2	750	0	0	0	0
3523	0	0	0	0	5	175	0	0	0	0
3525	0	0	3	406	2	74	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	2	118	0	0	2	86	0	0
3531	3	128	2	65	1	33	0	0	2	16
3532	0	0	0	0	3	63	0	0	1	82
3533	0	0	0	0	0	0	0	0	0	0
3538	4	769	0	0	2	561	0	0	0	0
3541	0	0	2	188	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	145	1	118	1	30	0	0	1	3
3546	1	77	0	0	9	143	14	122	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	2	194	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	4	69	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	6	120	10	170	8	189	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	29	424	1	35	0	0	0	0
4000	61	1552	23	99	46	153	0	0	3	3
5000	4	6	648	190	1807	1167	43	21	1	3
CUT YTD	119	10363	743	3524	1904	3863	59	229	8	106
1011	0	0	0	490	0	55	0	115	0	0
3568	0	0	5	17	7	181	0	0	0	0
3569	0	0	11	28	405	156	103	40	0	0
3571	0	0	0	0	2	170	0	0	0	0
3573	1	3	0	0	0	0	0	0	0	0
3575	6	107	10	255	23	369	3	26	0	0
3578	0	0	11	467	2	37	0	0	0	0
3582	2	87	0	0	0	0	0	0	0	0
3583	1	25	3	419	0	0	1	230	0	0
3584	17	1889	8	263	10	200	1	15	0	0
3588	0	0	2	164	5	505	0	0	0	0
3589	2	5089	0	0	0	0	0	0	0	0
3590	4	852	3	63	11	2520	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	1	12	0	0	0	0	0	0	0	0
3598	0	0	0	0	2	75	0	0	0	0
FRM YTD	34	8063	73	2164	467	4267	108	426	0	0
TOT YTD	153	18426	816	5688	2371	8131	167	655	8	106

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

674	EGYPT UNITS	EGYPT $000	REP S AFR UNITS	REP S AFR $000	OTH AFRICA UNITS	OTH AFRICA $000
3020	0	0	0	0	0	0
3045	0	0	2	488	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	2	105
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	1	92
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	1	49	0	0	0	0
3269	2	82	0	0	2	16
3276	0	0	0	0	0	0
3277	0	0	0	0	1	62
3281	0	0	0	0	0	0
3283	1	58	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	1	10
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	3	136
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	1	4
3547	0	0	0	0	0	0
3549	0	0	0	0	6	62
3551	1	40	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	1	49	0	0
3566	0	0	0	0	0	0
3567	1	18	0	0	3	4
4000	0	0	14	13	4	63
5000	86	18	340	94	153	48
CUT YTD	92	264	358	644	177	602
1011	0	0	0	53	0	0
3568	1	10	8	95	0	0
3569	0	0	50	33	6	7
3571	0	0	0	0	0	0
3573	1	62	0	0	1	40
3575	3	289	0	0	0	0
3578	0	0	0	0	0	0
3582	1	81	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	1	32	1	185
3588	0	0	0	0	3	131
3589	0	0	0	0	0	0
3590	0	0	1	61	1	55
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	3	538	3	121
FRM YTD	6	442	63	812	15	534
TOT YTD	98	706	421	1455	192	1136

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	18	1241	0	0	18	1241
CYPRUS	2	3	0	0	2	3
CZECHOSLOVAKIA	1	100	2	593	3	693
EAST GERMANY	0	0	0	0	0	0
FINLAND	36	122	15	321	51	443
GIBRALTAR	0	0	0	0	0	0
GREECE	8	51	0	5	8	55
HUNGARY	16	190	0	0	16	190
ICELAND	3	62	0	0	3	62
MALTA	0	0	2	68	2	68
NORWAY	322	263	28	518	350	781
PORTUGAL	110	19	2	186	112	205
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	516	2051	49	1691	565	3742
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	263	32	14	30	277	62
BARBADOS	27	14	1	21	28	35
BELIZE	1	26	4	50	5	76
BERMUDA	4	3	1	20	5	23
CAYMAN ISLANDS	5	2	1	6	6	8
COSTA RICA	91	426	1	21	92	447
DOMINICAN REP	69	410	12	119	81	528
FR W. INDIES	0	0	0	0	0	0
GUATEMALA	44	100	3	28	47	128
HAITI	6	25	0	6	6	31
HONDURAS	20	128	0	11	20	140
JAMAICA	13	122	0	0	13	122
LW & WW IS	1	6	14	4	15	10
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	1	0	1
PANAMA	27	251	21	94	48	345
SALVADOR	45	84	5	74	50	158
TRINIDAD	10	92	1	128	11	219
TURK ISLAND	4	6	0	0	4	6
OTHER N & C AM	0	0	0	0	0	0
TOTAL	630	1727	78	614	708	2340
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	158	690	6	975	164	1665
ECUADOR	70	326	28	96	98	422
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	1	8	1	2	2	10
PERU	246	622	17	490	263	1112
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S AM	0	0	0	0	0	0
TOTAL	475	1647	52	1562	527	3209
OTHER OCEANIA						
FR PAC IS	2	6	0	0	2	6
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR PAC IS	0	0	0	0	0	0
OTH PAC IS	6	101	0	0	6	101
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	8	106	0	0	8	106

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	69	733	12	597	81	1330
BAHRAIN	8	9	0	0	8	9
BANGALDESH	5	38	0	0	5	38
BRUNEI	32	25	0	0	32	25
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	23	1505	1	13	24	1518
IRAN	12	29	3	112	15	141
IRAQ	9	52	9	2	18	54
JORDAN	1	2	0	0	1	2
KUWAIT	59	574	6	460	65	1034
LEBANON	0	0	0	0	0	0
MALAYSIA	21	153	14	501	35	654
NEPAL	0	0	0	0	0	0
OMAN	12	10	3	22	15	32
QATAR	0	0	0	28	0	28
SRI LANKA	3	150	0	0	3	150
SYRIA	2	74	4	321	6	395
THAILAND	487	169	21	109	508	278
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	743	3524	73	2164	816	5688
OTHER AFRICA						
AFARS & ISSAS	5	60	0	0	5	60
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	185	1	185
GABON	0	0	0	0	0	0
GHANA	2	2	1	40	3	43
GUINEA	1	2	0	0	1	2
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	3	13	0	0	3	13
LIBYA	108	34	6	2	114	36
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	35	3	0	0	35	3
MOZAMBIQUE	0	0	0	0	0	0
NIGLR	0	0	0	0	0	0
NIGERIA	13	365	3	131	16	496
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	1	55	1	55
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	2	110	0	0	2	110
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	8	14	2	93	10	106
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	1	28	1	28
TOTAL	177	602	15	534	192	1136

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1) "0" = DOLLAR AMOUNT LESS THAN $500 2) N.E.C. = NOT ELSEWHERE CLASSIFIED
3) INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
674:	METAL CUTTING				
3025	Gear Hobbers	73	9149	2	201
3035	Gear Shapers	5	764	1	95
3045	Gear Cutting Machines, N.E.C.	21	3101	1	35
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	2220	171305	170	13029
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	328	31566	20	1829
3409	Horizontal Machining Centers, ATC, NC	715	89382	42	4903
3411	Machining Centers, NC, N.E.C.	774	69504	58	7952
3412	Single Station and Multi-Station Transfer Machines	92	32534	1	88
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	1337	1	120
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	47	10769	5	1738
3419	Vertical Boring-Drilling-Milling Machines, NC	245	19034	35	1854
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	23	1683	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	97	2916	16	232
3328	Drilling Machines, NC	144	10866	11	591
3329	Drilling Machines, Multi-Spindle, Non-NC	60	4741	13	650
3334	Drilling Machines, Radial, Non-NC	245	2094	18	214
3336	Drilling Machines, Upright, Single Spindle, Non-NC	111	776	19	203
3342	Drilling Machines, Non-NC, N.E.C.	706	20605	28	1290
3464	Milling Machines, NC	804	57295	42	3417
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	22	1214	0	0
3467	Milling Machines, Knee Type, Non-NC	3530	19920	202	1070
3468	Milling Machines, Bed Type, Non-NC	333	6664	21	1127
3469	Milling Machines, Non-NC, N.E.C.	1862	28678	158	1889
3476	Vertical Boring Machines, Incl. VTL's, NC	78	10636	2	160
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	210	4419	42	231
3481	Boring Machines, NC, N.E.C.	26	10669	1	156
3483	Boring Machines, Non-NC N.E.C.	507	58150	9	2297
3504	Horizontal Lathes, Multi-Spindle, NC	42	4214	0	0
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3741	158022	319	16041
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	911	63266	77	4740
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	292	23889	20	3278
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3941	32288	228	1665
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	113	3550	4	157
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	130	12064	6	494
3515	Automatic Bar Machines, Single Spindle, Non-NC	57	1890	11	695
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	20	3063	1	17
3518	Horizontal Lathes, Non-NC, N.E.C.	232	10014	13	555
3505	Vertical Lathes, Multi-Spindle, NC	171	12259	9	736
3519	Vertical Lathes, NSPF, NC	461	29558	30	2270
3522	Vertical Lathes, Excl. VTL's, Non-NC	1656	37037	165	5964
3527	Gear Tooth Grinding & Finishing Machines	458	19607	11	609
3528	Tool & Cutter Grinding Machines, NC	107	4923	15	903
3529	Tool & Cutter Grinding Machines, Non-NC	1269	20135	93	1026
3533	Honing & Lapping Machines	246	14196	38	1268
3539	Grinding Machines, Flat Surface, NC	50	8336	3	1277
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	415	6147	18	383
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1607	29810	107	1994
3546	Grinding & Polishing Machines, NC, N.E.C.	116	13245	7	890
3554	External Grinding Machines, Non-NC	811	19836	26	1762
3556	Internal Grinding Machines, Non-NC	107	5458	7	975
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	194	9757	6	939
3559	Grinding Machines, Non-NC, N.E.C.	1689	58118	71	3876
3562	Traveling Wire Electrical Discharge Machines	867	58266	47	3423
3564	All Other Electrical Discharge Machines	542	24640	23	1407
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	65	4975	9	290
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	202	5542	9	102
3576	Metal Cutting Machines Tools, NC, N.E.C.	192	92097	14	1218
3577	Sawing & Cut-Off Machines, Non-NC	1988	30702	140	3691
3578	Broaching Machines, Non-NC	68	1746	1	8
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1159	28272	120	2697
4000	Metal Cutting Machine Tools, Used or Rebuilt*	6126	26780	483	2598
5000	Metal Cutting Machine Tools, Less Than $2500**	861561	100968	66113	5538
	TOTAL CUTTING			69162	118867
	TOTAL CUTTING YTD	904891	1654576		
674:	METAL FORMING				
1010	Die Casting Machines	705	27906	11	541
3582	Metal Forming Machine Tools, Used or Rebuilt	499	7943	67	749
3583	Metal Forming Machine Tools, Less Than $2500	25782	10064	3114	672
3584	Punching and Shearing Machines, Incl. Combination, NC	483	55352	31	2562
3586	Shearing Machines, Non-NC	1082	21028	79	1411
3587	Punching & Combination Punching & Shearing Machines, Non-NC	683	12039	45	717
3588	Bending, Folding, Straightening & Flattening Machines, NC	394	35158	12	511
3589	Press Brakes, Non-NC	1083	30114	44	895
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	202	2790	4	112
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1288	34589	41	1503
3593	Metal Forming Machine Tools, NC, N.E.C.	60	22378	9	18571
3594	Mechanical Presses, Non-NC	381	58458	16	7168
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	84	7733	1	111
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	2844	167701	27	9585
3597	Headers & Upsetters, Non-NC	108	7975	2	45
3598	Forging Machines, Non-NC, N.E.C.	145	9974	12	440
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2160	86902	106	5763
	TOTAL FORMING			3621	51358
	TOTAL FORMING YTD	37983	598148		
	TOTAL ALL TYPES			72783	170225
	TOTAL ALL TYPES YTD	942874	2252724		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	8	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	1	6
3336	0	0	0	0	0	0	0	0	7	78
3342	3	183	0	0	0	0	0	0	1	8
3464	0	0	0	0	0	0	0	0	4	850
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	1	720	0	0
3469	30	144	0	0	0	0	2	559	3	140
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	5	20
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	610
3504	0	0	0	0	0	0	0	0	0	0
3506	1	15	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	1	5	0	0	0	0	0	0	2	52
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	4	441
3505	0	0	0	0	0	0	0	0	0	0
3519	1	22	0	0	0	0	0	0	0	0
3522	11	95	0	0	0	0	1	1346	2	106
3527	0	0	0	0	0	0	0	0	4	78
3528	0	0	0	0	0	0	0	0	6	195
3529	0	0	0	0	0	0	1	14	9	120
3533	0	0	1	10	0	0	0	0	20	87
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	9	160
3543	0	0	0	0	4	80	1	3	4	37
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	2	11
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	1	3	0	0	2	10	3	104	7	1104
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	1	571	0	0
3577	0	0	0	0	0	0	0	0	3	36
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	38	1	11	3	143
4000	0	0	0	0	0	0	0	0	39	412
5000	48	23	6	2	36	11	339	85	354	125
CUT MO	96	490	7	11	44	146	350	3410	490	4817
CUT YTD	4262	6591	811	2983	761	2486	5398	27307	8624	92311
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	3	40	17	67
3583	0	0	0	0	0	0	48	51	1	2
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	0	0	0	0	0	0	2	51
3587	0	0	0	0	0	0	0	0	30	203
3588	0	0	0	0	0	0	0	0	3	114
3589	0	0	5	137	0	0	1	67	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	2	26
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	1	529
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	7	410	0	0	0	0	5	30
3599	2	6	0	0	1	21	4	247	9	100
FRM MO	2	6	12	547	1	21	56	405	70	1122
FRM YTD	361	927	595	9763	108	1615	955	9599	3261	37498
TOT MO	98	496	19	558	45	168	406	3816	560	5938
TOT YTD	4623	7518	1406	12746	869	4101	6353	36907	11885	129809

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	35
3404	1	131	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	1	212
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	2	1644
3412	0	0	0	0	0	0	0	0	1	88
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	1	120	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	1	175	0	0	0	0
3329	0	0	0	0	0	0	0	0	3	467
3334	0	0	0	0	4	90	0	0	0	0
3336	0	0	0	0	0	0	11	73	0	0
3342	0	0	0	0	0	0	2	8	4	467
3464	0	0	0	0	0	0	0	0	1	1250
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	64	326	0	0	0	0
3468	0	0	0	0	3	72	1	18	0	0
3469	0	0	0	0	28	396	0	0	1	57
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	254	0	0	3	1153
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	8
3508	0	0	0	0	0	0	2	132	0	0
3510	0	0	0	0	0	0	0	0	1	339
3512	0	0	0	0	3	78	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	1	191
3515	0	0	0	0	0	0	0	0	2	63
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	12	0	0	6	46
3505	0	0	0	0	0	0	0	0	2	354
3519	0	0	0	0	0	0	1	348	1	420
3522	0	0	0	0	2	355	0	0	0	0
3527	0	0	0	0	1	91	0	0	2	253
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	5	58
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	8	91
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	29
3554	0	0	0	0	0	0	0	0	10	776
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	679
3559	1	28	0	0	0	0	1	8	3	256
3562	0	0	0	0	0	0	0	0	11	1257
3564	0	0	0	0	0	0	0	0	12	444
3567	0	0	0	0	0	0	1	53	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	316
3577	0	0	0	0	1	4	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	6	86	0	0	1	11	0	0	0	0
4000	2	2	0	0	14	165	29	61	2	160
5000	246	133	0	0	35	5	153	134	29	10
CUT MO	256	379	0	0	159	2034	202	954	118	11122
CUT YTD	1637	17143	324	721	2492	19361	2759	11021	3016	96620
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	2	12	10	74
3583	0	0	0	0	0	0	16	15	50	17
3584	0	0	0	0	0	0	0	0	2	385
3586	0	0	5	74	28	250	0	0	0	0
3587	0	0	0	0	0	0	4	59	1	100
3588	0	0	0	0	0	0	0	0	2	27
3589	3	154	1	6	5	23	0	0	0	0
3591	0	0	0	0	0	0	3	78	0	0
3592	0	0	0	0	0	0	3	106	1	14
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	1	111	0	0
3596	0	0	0	0	0	0	0	0	1	375
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	0	0	1	6	8	534
FRM MO	3	154	6	81	33	273	30	386	75	1527
FRM YTD	642	2511	114	1666	400	3716	635	11601	954	18660
TOT MO	259	533	6	81	192	2307	232	1340	193	12648
TOT YTD	2279	19655	438	2387	2892	23077	3394	22631	3970	115280

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

674:	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	1	19	1	182	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	9	407	1	124	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	4	326	1	278	0	0	0	0	0	0
3411	0	0	4	1395	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	4	1537	0	0	0	0	0	0
3419	0	0	35	1854	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	9	8	4	143	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	1	138	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	1	237	2	161	0	0	3	14	0	0
3464	15	452	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	13	276	1	45	0	0	0	0	0	0
3468	14	163	1	142	0	0	1	12	0	0
3469	0	0	7	116	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	36	110	0	0	0	0	0	0
3481	1	156	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	2	27	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	64	606	3	673	0	0	0	0	0	0
3508	7	872	2	126	0	0	0	0	1	10
3510	0	0	11	1288	0	0	0	0	0	0
3512	61	476	0	0	0	0	0	0	2	44
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	8	551	0	0	0	0	0	0
3516	0	0	1	17	0	0	0	0	0	0
3518	0	0	1	4	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	6	576	0	0	0	0	0	0
3522	15	447	2	1358	0	0	1	6	22	108
3527	0	0	3	91	0	0	0	0	0	0
3528	0	0	2	318	0	0	0	0	0	0
3529	13	80	28	353	0	0	1	11	0	0
3533	7	107	5	819	0	0	0	0	0	0
3539	0	0	3	1277	0	0	0	0	0	0
3541	0	0	1	132	0	0	0	0	0	0
3543	4	342	5	655	16	71	10	63	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	2	42	4	475	0	0	0	0	0	0
3556	1	11	2	524	0	0	0	0	0	0
3558	0	0	3	255	0	0	0	0	0	0
3559	19	264	14	1609	0	0	0	0	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	1	292	0	0	0	0	0	0
3567	0	0	1	17	0	0	0	0	0	0
3571	7	77	0	0	0	0	1	7	0	0
3576	0	0	5	133	0	0	0	0	0	0
3577	33	240	28	1823	0	0	12	116	0	0
3578	0	0	1	8	0	0	0	0	0	0
3579	12	105	46	1570	0	0	20	124	0	0
4000	49	463	148	334	0	0	22	73	0	0
5000	169	69	2843	1036	0	0	274	137	0	0
CUT MO	530	6243	3275	22543	16	71	347	590	25	162
CUT YTD	14660	77426	142031	279622	590	4237	6810	23306	870	4211
1010	0	0	0	0	0	0	5	378	0	0
3582	4	142	0	0	0	0	19	205	0	0
3583	44	72	2193	319	0	0	8	4	0	0
3584	0	0	5	448	0	0	0	0	0	0
3586	6	149	10	149	0	0	6	90	0	0
3587	0	0	1	21	0	0	0	0	0	0
3588	0	0	1	55	0	0	0	0	0	0
3589	11	55	0	0	0	0	8	267	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	1	3	18	950	0	0	12	190	0	0
3593	0	0	7	1365	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	7	595	2	42	0	0	4	31	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	15	1270	39	821	0	0	17	778	0	0
FRM MO	88	2286	2276	4170	0	0	79	1944	0	0
FRM YTD	1005	23317	7567	88287	3	299	1938	29638	38	14952
TOT MO	618	8529	5551	26712	16	71	426	2534	25	162
TOT YTD	15665	100743	149598	367909	593	4536	8748	52944	908	19163

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPOR	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	1	95	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	139	11672	0	0	0	0
3406	0	0	0	0	11	1101	0	0	0	0
3409	0	0	0	0	24	3822	0	0	0	0
3411	0	0	0	0	38	4439	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	201	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	73	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	9	46	0	0	0	0
3334	0	0	0	0	10	88	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	1	4	0	0	4	95	0	0	0	0
3464	0	0	0	0	7	400	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	11	41	0	0	4	188	0	0	0	0
3476	0	0	0	0	2	160	0	0	0	0
3477	0	0	0	0	1	101	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	168	12730	43	1246	0	0
3508	0	0	0	0	44	3496	0	0	0	0
3510	0	0	0	0	8	1651	0	0	0	0
3512	0	0	0	0	1	21	18	145	14	129
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	5	303	0	0	0	0
3515	0	0	0	0	1	81	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	53	0	0	0	0
3505	0	0	0	0	3	140	0	0	0	0
3519	0	0	0	0	12	564	0	0	0	0
3522	3	56	0	0	45	1719	0	0	0	0
3527	0	0	0	0	1	96	0	0	0	0
3528	0	0	0	0	7	390	0	0	0	0
3529	0	0	0	0	10	179	0	0	25	207
3533	0	0	0	0	5	245	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	37	573	0	0	3	32
3546	0	0	0	0	6	861	0	0	0	0
3554	0	0	0	0	7	449	0	0	0	0
3556	1	7	0	0	2	418	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	8	333	0	0	3	109	0	0	0	0
3562	0	0	0	0	36	2166	0	0	0	0
3564	0	0	0	0	10	671	0	0	0	0
3567	0	0	0	0	7	221	0	0	0	0
3571	0	0	0	0	1	19	0	0	0	0
3576	0	0	0	0	6	198	0	0	0	0
3577	0	0	4	266	44	1132	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	17	519	0	0	8	53
4000	7	72	0	0	23	224	0	0	0	0
5000	0	0	0	0	1942	385	400	136	90	14
CUT MO.	31	513	4	266	2705	52093	4[illegible]1	1527	140	434
CUT YTD	2215	3317	195	1970	145551	841771	1302	10839	841	6898
1010	0	0	0	0	5	155	0	0	0	0
3582	0	0	0	0	12	208	0	0	0	0
3583	0	0	0	0	210	40	0	0	0	0
3584	0	0	0	0	24	1729	0	0	0	0
3586	0	0	0	0	22	648	0	0	0	0
3587	0	0	6	103	3	231	0	0	0	0
3588	0	0	0	0	6	315	0	0	0	0
3589	0	0	3	58	7	128	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	4	215	0	0	0	0
3593	0	0	0	0	2	17206	0	0	0	0
3594	0	0	0	0	12	7118	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	11	8006	1	8	0	0
3597	0	0	0	0	2	45	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	9	1976	0	0	1	3
FRM MO.	0	0	9	161	329	38020	1	8	1	3
FRM YTD	265	32	54	1116	10050	332781	18	73	51	448
TOT MO.	31	513	13	427	3034	90113	462	1535	141	437
TOT YTD	2480	3350	249	3086	155601	1174552	1320	10911	892	7346

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1986

674:	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	20	696	0	0	0	0
3406	8	515	0	0	0	0
3409	13	477	0	0	0	0
3411	14	473	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	0	0	0	0	0	0
3328	10	417	0	0	0	0
3329	0	0	0	0	0	0
3334	2	14	0	0	1	16
3336	1	51	0	0	0	0
3342	6	110	0	0	1	4
3464	15	464	0	0	0	0
3466	0	0	0	0	0	0
3467	124	424	0	0	0	0
3468	0	0	0	0	0	0
3469	72	249	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	2	254
3504	0	0	0	0	0	0
3506	39	762	0	0	0	0
3508	21	104	0	0	0	0
3510	0	0	0	0	0	0
3512	108	577	0	0	18	137
3513	4	157	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	4	243
3519	9	340	0	0	0	0
3522	60	338	0	0	1	31
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	1	5	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	22	119	0	0	1	20
3546	0	0	0	0	0	0
3554	0	0	0	0	1	8
3556	0	0	0	0	1	15
3558	1	5	0	0	0	0
3559	6	40	0	0	3	9
3562	0	0	0	0	0	0
3564	0	0	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	15	74	0	0	0	0
3578	0	0	0	0	0	0
3579	5	39	0	0	0	0
4000	144	605	0	0	4	28
5000	59106	3209	0	0	43	25
CUT MO.	59826	10262	0	0	80	789
CUT YTD	556248	116136	515	717	2979	7435
1010	1	8	0	0	0	0
3582	0	0	0	0	0	0
3583	410	128	122	5	12	19
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	1	34	0	0
3592	0	0	0	0	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	4	50
3595	0	0	0	0	0	0
3596	0	0	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	0	0
FRM MO.	411	135	123	39	16	70
FRM YTD	7879	3138	157	359	933	6107
TOT MO.	60237	10397	123	39	96	859
TOT YTD	564127	119274	672	1076	3912	13542

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	39	0	0	2	39
EAST GERMANY	2	35	0	0	2	35
FINLAND	2	254	5	6	7	259
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	17	2	0	0	17	2
MALTA	0	0	0	0	0	0
NORWAY	3	9	0	0	3	9
POLAND	18	137	0	0	18	137
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	44	475	5	6	49	481
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	4	243	0	0	4	243
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	2	12	0	0	2	12
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	6	255	0	0	6	255
OTHER SOUTH AMERICA						
ARGENTINA	1	1	0	0	1	1
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	1	16	0	0	1	16
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUCLA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	2	17	0	0	2	17
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	20	16	7	14	27	30
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	20	16	7	14	27	30

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	3	4	0	0	3	4
INDIA	1	1	0	0	1	1
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	1	2	0	0	1	2
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	5	7	0	0	5	7
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	3	19	0	0	3	19
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. . RICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	4	50	4	50
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	19	4	50	7	70

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

A8050-3B

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

RELEASED: MARCH 13, 1987

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	91	8131	26	3963
3045	Gear Cutting Machines, N.E.C.	90	20841	4	1316
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	16	1589	3	261
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	27	7637	4	1985
3211	Machining Centers, NC, N.E.C.	80	7455	12	1264
3216	Single Station and Multi-Station Transfer Machines	47	37400	4	5271
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	11	4471	4	1358
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	49	2588	25	709
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1287	1	77
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	36	3395	2	111
3254	Drilling Machines, NC	19	2013	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	48	8569	2	200
3256	Drilling Machines, Radial, Non-NC	27	498	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	13	234	2	12
3258	Drilling Machines, Non-NC, N.E.C.	173	4091	17	379
3264	Milling Machines, NC	33	9710	3	424
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	59	4665	13	541
3267	Milling Machines, Knee Type, Non-NC	8	511	1	43
3268	Milling Machines, Bed Type, Non-NC	16	3261	6	485
3269	Milling Machines, Non-NC, N.E.C.	111	7055	12	654
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	346	21939	46	3656
3281	Boring Machines, NC, N.E.C.	6	1728	0	0
3283	Boring Machines, Non-NC, N.E.C.	83	4769	12	469
3503	Horizontal Lathes, Multi-Spindle, NC	7	897	2	124
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	130	9829	12	820
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	22	3278	1	282
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	1489	1	105
3510	Horizontal Engine & Toolroom Lathes, Non-NC	68	1154	2	65
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	11	1878	1	135
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	14	620	1	42
3515	Automatic Bar Machines, Single-Spindle, Non-NC	28	1066	1	49
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	1214	4	371
3518	Horizontal Lathes, Non-NC, N.E.C.	1426	21775	78	1552
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	13	3582	1	597
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	31	3275	1	659
3525	Vertical Lathes, Excl. VTLs, Non-NC	146	8911	9	1036
3528	Grinding, Polishing, Honing & Lapping Machines, NC	86	10409	17	2104
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	54	6650	7	1250
3531	Tool & Cutter Grinding Machines, Non-NC	170	5306	25	668
3532	Honing & Lapping Machines, Non-NC	243	8822	11	1121
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	58	1415	10	182
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	194	15281	21	2453
3541	External Grinding Machines, Non-NC	28	2981	2	359
3542	Internal Grinding Machines, Non-NC	11	2190	3	834
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	160	8097	10	1287
3546	Grinding Machines, Non-NC, N.E.C.	214	5863	16	1429
3547	Traveling Wire Electrical Discharge Machines	8	447	2	151
3549	All Other Electrical Discharge Machines	97	2025	2	164
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	15	1511	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	35	1120	5	92
3559	Metal Cutting Machine Tools, NC, N.E.C.	19	1213	0	0
3565	Sawing & Cut-Off Machines, Non-NC	438	8435	26	485
3566	Broaching Machines, Non-NC	10	592	2	10
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	188	7026	7	273
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3445	36115	610	5365
5000	Metal Cutting Machine Tools, Less Than $2500**	36169	13023	2307	810
	TOTAL CUTTING			3396	48058
	TOTAL CUTTING YTD	44998	371265		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	18351	0	1238
3568	Metal Forming Machine Tools, Used Or Rebuilt	938	7599	99	700
3569	Metal Forming Machine Tools, Less Than $2500	4106	2764	380	250
3571	Punching & Shearing Machines, Incl. Combination, NC	40	4415	0	
3573	Shearing Machines, Non-NC	64	1464	2	6
3575	Punching & Combination Punching & Shearing Machines, Non-NC	466	15966	39	1458
3578	Bending, Folding, Straightening & Flattening Machines, NC	119	5961	2	548
3582	Press Brakes, Non-NC	96	4154	0	0
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	19	1357	1	29
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	473	22424	44	2227
3588	Mechanical Presses, Non-NC	165	14843	15	3668
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	47	8704	2	99
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	703	39917	67	5228
3594	Headers & Upsetters, Non-NC	70	11487	8	1145
3595	Forging Machines, Non-NC, N.E.C.	94	8169	2	1239
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	688	51450	66	3233
	TOTAL FORMING			727	21069
	TOTAL FORMING YTD	8088	219059		
	TOTAL ALL TYPES			4123	69127
	TOTAL ALL TYPES YTD	53086	590324		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	56	0	0	0	0	10	307	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	23	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	45	3639	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	13	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	204	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	34	0	0
3566	0	0	2	10	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	15	0	0	1	57	0	0
5000	0	0	0	0	0	0	0	0	2	2
CUT MO	3	79	48	3664	0	0	15	614	2	2
CUT YTD	28	440	952	20921	6	213	2773	4565	38	932
1011	0	21	0	0	0	0	0	168	0	0
3568	0	0	0	0	0	0	1	7	0	0
3569	0	0	4	3	0	0	11	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	102	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO	0	21	4	3	1	102	12	182	0	0
FRM YTD	12	666	112	2614	9	192	223	6067	70	1241
TOT MO	3	100	52	3667	1	102	27	796	2	2
TOT YTD	40	1106	1064	23535	15	405	2996	10632	108	2173

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	2	306
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	1	439
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	18	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	163
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	1	597	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	2	514	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	66	424	12	244	0	0	20	50	0	0
5000	25	1	13	9	0	0	0	0	10	14
CUT MO.	94	1536	26	270	0	0	20	50	14	922
CUT YTD	834	6652	276	2411	7	410	1111	1988	517	2932
1011	0	49	0	0	0	0	0	0	0	3
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	6	2	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	45	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	10	313	0	0	0	0	1	79	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	1	377
3594	0	0	1	295	0	0	1	172	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	29	740
FRM MO.	10	363	8	342	0	0	2	251	30	1120
FRM YTD	56	10122	70	1118	8	307	28	1172	57	2861
TOT MO.	104	1899	34	612	0	0	22	301	44	2043
TOT YTD	890	16774	346	3529	15	717	1139	3161	574	5793

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	15	2200	0	0
3045	0	0	0	0	0	0	2	1042	0	0
3204	0	0	1	219	0	0	1	26	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	713	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	1	219	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	1	3	0	0	0	0
3258	5	188	0	0	0	0	0	0	0	0
3264	1	118	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	25	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	182	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	2	500	0	0
3528	0	0	1	93	0	0	0	0	0	0
3529	0	0	0	0	0	0	5	1164	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	6	37	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	30	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	145	0	0
3546	0	0	1	22	0	0	2	982	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	40	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	3	37	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	150	0	0
4000	178	57	12	110	0	0	1	60	0	0
5000	127	11	206	100	0	0	171	76	0	0
CUT MO.	311	374	230	1546	1	3	209	6625	0	0
CUT YTD	1881	4893	2967	35843	7	1027	1680	20907	56	1133
1011	0	0	0	3	0	0	0	58	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	16	12	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	4	378	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	150	1	27	0	0	0	0	0	0
3588	0	0	2	87	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	5	43	0	0	2	103	0	0
3594	0	0	1	50	0	0	1	141	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	6	220	0	0	0	0	0	0
FRM MO.	2	150	15	430	0	0	23	692	0	0
FRM YTD	45	1474	238	7450	1	240	417	16073	3	482
TOT MO.	313	524	245	1975	1	3	232	7316	0	0
TOT YTD	1926	6367	3205	43293	8	1266	2097	36980	59	1615

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

674:	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	162	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	130	0	0	0	0	0	0
3211	1	47	1	101	2	107	0	0	0	0
3216	0	0	1	517	1	760	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	12	180	13	530	0	0	0	0
3248	0	0	1	77	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	2	200	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	1	10	0	0	0	0
3258	0	0	0	0	3	113	1	11	0	0
3264	0	0	0	0	2	306	0	0	0	0
3266	0	0	2	179	0	0	0	0	0	0
3267	0	0	1	43	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	3	266	5	123	0	0	1	225
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	9	104	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	6	399	1	77	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	105	0	0	0	0	0	0
3510	0	0	1	26	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	42	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	3	322	0	0	0	0	0	0
3518	0	0	1	6	71	1203	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	79	5	124	0	0	0	0
3528	0	0	10	575	2	149	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	22	142	1	12	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	3	56	0	0	2	8	0	0
3538	1	100	2	112	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	2	318	0	0	0	0	0	0
3546	0	0	3	27	1	15	0	0	0	0
3547	0	0	1	138	1	13	0	0	0	0
3549	0	0	0	0	1	44	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	3	33	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	11	143	7	207	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	15	4	90	0	0	0	0
4000	1	9	61	517	146	1748	7	16	0	0
5000	7	2	993	221	101	77	4	5	167	23
CUT MO	13	320	1147	4933	380	5841	14	39	168	248
CUT YTD	516	2051	7883	43567	4305	63755	630	1727	301	782
1011	0	0	0	380	0	405	0	15	0	0
3568	0	0	4	53	85	462	4	50	0	0
3569	0	0	208	138	27	30	12	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	1	4	0	0	0	0
3575	0	0	6	165	18	575	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	171	9	359	1	12	0	0	0	0
3588	0	0	2	2175	4	112	0	0	0	0
3589	0	0	0	0	2	99	0	0	0	0
3590	0	0	4	328	50	1387	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	1	6	0	0	0	0
3598	0	0	11	375	11	78	0	0	0	0
FRM MO	2	171	244	3972	200	3169	16	67	0	0
FRM YTD	49	1691	2483	41415	2101	30118	78	614	14	383
TOT MO	15	491	1391	8906	580	9010	30	106	168	248
TOT YTD	565	3742	10366	84982	6406	93873	708	2340	315	1166

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	4	734
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	1	16	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	705	0	0	0	0	0	0	0	0
3211	1	202	0	0	0	0	5	435	1	213
3216	0	0	0	0	0	0	0	0	1	3775
3225	0	0	0	0	0	0	0	0	0	0
3245	2	623	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	6	60	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	17	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	161	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	39
3511	0	0	0	0	0	0	0	0	1	135
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	1	659	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	2	770
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	5	1084
3533	0	0	0	0	0	0	0	0	0	0
3538	7	649	0	0	0	0	0	0	0	0
3541	1	329	0	0	0	0	0	0	0	0
3542	2	630	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	233
3546	0	0	0	0	0	0	0	0	8	237
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3552	0	0	0	0	0	0	1	18	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	2	32
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	24	1404	0	0	0	0
5000	29	4	0	0	0	0	20	21	6	6
CUT MO.	44	3800	4	194	24	1404	32	538	32	7259
CUT YTD	213	14266	105	1494	1282	3593	475	1647	655	34775
1011	0	4	0	0	0	19	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	3	61	0	0
3578	0	0	0	0	0	0	0	0	1	156
3582	0	0	0	0	0	0	0	0	0	0
3583	1	29	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	66	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	908	1	722
FRM MO.	2	100	0	0	0	19	5	969	2	878
FRM YTD	38	2256	37	293	122	2868	52	1562	104	15684
TOT MO.	46	3900	4	194	24	1423	37	1503	34	8137
TOT YTD	251	16521	142	1788	1404	6461	527	3209	759	50459

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674:	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	1	188	0	0
3045	0	0	0	0	0	0	0	0	1	92
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	1	245	1	490
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	1	100	1	11
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	2	7	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	6	485	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	2	124	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	1	282
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	49	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	50	0	0
3518	0	0	0	0	2	80	0	0	3	207
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	2	521	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	1	10	0	0	0	0	4	108	0	0
3538	0	0	0	0	0	0	8	850	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	44	2	265	1	134
3546	0	0	1	145	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	120	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	21	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	11	0	0	8	32	1	60	11	219
5000	92	22	1	1	30	31	14	15	143	19
CUT MO.	95	43	4	216	43	193	44	3130	162	1453
CUT YTD	1114	1918	560	7705	1539	2375	6247	35790	1123	19219
1011	0	0	0	18	0	0	0	27	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	6	8	3	4	2	3	3	6	5	5
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	16	0	0	0	0	0	0	1	124
3578	0	0	0	0	0	0	1	392	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	85	1	41	1	59	0	0
3588	0	0	0	0	0	0	2	512	4	86
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	2	112	2	393
3594	0	0	0	0	0	0	3	421	0	0
3595	0	0	0	0	0	0	0	0	1	1233
3598	0	0	0	0	1	41	1	23	0	0
FRM MO.	7	24	4	107	4	85	13	1552	13	1841
FRM YTD	29	277	53	2169	98	2597	313	16359	112	12213
TOT MO.	102	67	8	323	47	278	57	4682	175	3294
TOT YTD	1143	2194	613	9875	1637	4972	6560	52149	1235	31432

U.S. EXPORTS OF MACHINE TOOLS
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674:	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	1	182	0	0	0	0	0	0	0	0
3201	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	177	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	729	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	4	198	40	99
5000	0	0	1	1	15	13	16	24	14	4
CUT MO	1	182	1	1	15	13	22	1128	54	103
CUT YTD	35	1859	109	270	151	389	483	5075	679	4067
1[illegible]	0	0	0	10	0	0	0	0	0	0
3568	0	0	0	0	2	60	3	68	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	696
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	1	2485
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	1	11	1	23
FRM MO	0	0	0	10	2	60	4	79	3	3204
FRM YTD	0	0	27	273	50	8849	126	3003	87	7614
TOT MO	1	182	1	11	17	73	26	1206	57	3307
TOT YTD	35	1859	136	543	201	9238	609	8077	766	11681

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	372	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	1	160	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3501	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	56	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	332	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	2	86	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	118	1	30	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	12	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	12	15	0	0	1	7	0	0	0	0
5000	0	0	39	8	41	84	0	0	0	0
CUT MO.	15	454	41	457	44	281	2	86	0	0
CUT YTD	119	10363	743	3524	1904	3863	59	229	8	106
1011	0	0	0	0	0	1	0	55	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	77	31	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	1	3	0	0	0	0	0	0	0	0
3575	3	83	0	0	2	12	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	14	829	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	18	914	0	0	79	44	0	55	0	0
FRM YTD	14	8063	73	2164	467	4267	108	426	0	0
TOT MO.	33	1369	41	457	123	325	2	141	0	0
TOT YTD	153	18426	816	5688	2371	8131	167	655	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	1	18	0	0	0	0
4000	0	0	0	0	1	16
5000	0	0	12	6	8	13
CUT MO.	1	18	12	6	9	28
CUT YTD	92	264	358	644	177	602
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	2	93
FRM MO.	0	0	0	0	2	93
FRM YTD	6	442	63	812	15	534
TOT MO.	1	18	12	6	11	121
TOT YTD	98	706	421	1455	192	1136

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	1	100	0	0	1	100
EAST GERMANY	0	0	0	0	0	0
FINLAND	8	49	0	0	8	49
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	3	162	0	0	3	162
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	0	0	0	0
PORTUGAL	1	9	2	171	3	179
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	13	320	2	171	15	491
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	4	50	4	50
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	2	13	0	0	2	13
DOMINICAN REP.	0	0	0	3	0	3
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	4	5	0	4	4	9
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	8	0	8
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	12	2	12	2
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	2	7	0	0	2	7
SALVADOR	2	8	0	0	2	8
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	4	6	0	0	4	6
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	14	39	16	67	30	106
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	19	20	2	908	21	928
ECUADOR	8	80	0	0	8	80
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	5	435	3	61	8	496
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	32	534	5	969	37	1503
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
DECEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	10	5	0	0	10	5
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	1	332	0	0	1	332
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	29	3	0	0	29	3
LEBANON	0	0	0	0	0	0
MALAYSIA	1	118	0	0	1	118
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	41	457	0	0	41	457
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	1	2	0	0	1	2
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	16	0	0	1	16
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	1	1	0	0	1	1
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	6	10	2	93	8	102
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	9	28	2	93	11	121

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING